

CAMPING MAGAZINE

OFFICIAL



PUBLICATION

1955

REFERENCE ISSUE



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1955 CAMP REFERENCE AND BUYING GUIDE

8th Annual Edition

Including The Camp Director's Handbook and Buying Guide

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ACA



THE VOICE

OF CAMPING

THE AMERICAN Camping Association is a voluntary, professional organization with national headquarters in Chicago. Its membership includes individuals and representatives of organizations and institutions interested in the development of organized camping.

Organized camping as a recreational and educational project is, as history is measured, a comparatively recent movement and is distinctly American in its origin. The three men who might be called the fathers of camping in America represented the three main professions still most active in camping.

A Bit of History

Frederick William Gunn, who organized Camp Gunnery for Boys in Connecticut in 1861, was an educator. Dr. Joseph T. Rothrock, who established a private camp for boys in North Mountain, Pa., in 1876, was a physician. George W. Hinkley, who opened a camp on Gardner's Island, Wakefield, R. I., in 1889, was a clergyman.

Just before the turn of the century, the camping movement began to accelerate. Privately owned camps and agency sponsored camps dotted the eastern states. The first girls' camps were organized in 1902. Boys' Clubs, Fresh Air Groups, Boy Scouts, Camp Fire Girls, Girl Scouts and YWCA's all entered the camping field during the first years of the 20th century.

The Early Association

It is believed that the first conference of camp-minded people was held in Boston in 1902. The General Camp Association was formed then. Eight years later

in New York the Camp Directors Association of America was organized. Along about this period, the National Association of Directors of Girls' Camps was founded. In 1921, the Mid-west Camp Directors Association held its first meeting.

The three associations joined forces in 1924 in New York as the Camp Directors Association. A year later there were 365 members. A statement of basic standards was adopted, and a code of ethics agreed upon.

In 1935 at the Cleveland Convention, the name of the organization was changed to American Camping Association. The new name indicated the broadening of the scope of the organization to include all camping and outdoor interests on the American continent, regardless of type or organization.

Today camping has come of age. Now four million campers annually attend more than twelve thousand camps operated by individuals and organizations. The estimated value of organized camp property in America exceeds \$350,000,000.

ACA Today

The ACA maintains a National office whose staff channels information, develops materials and gives services to the membership to further the cause of camping.

ACA members receive services in the form of:

Up to date information through CAMPING MAGAZINE, the Annual Reference Issue, plus bulletins and pamphlets issued by ACA's Chicago headquarters.

Surveys — such as the Camping Census.

Data on current trends — from the National Staff.

Status — Membership Card and Certificate. Recognition of camps fulfilling ACA Standards.

Aid in further development and implementation of ACA Standards.

National and Regional Conventions.

More than 5,000 members comprise the ACA and provide leadership for its 44 chartered sections, its national board and committees. The guidance and direction of the Association are carried out through a Council of Delegates, a Board of Directors and an Executive Committee.

National standing committees work in the fields of publications, leadership, program, legislation, standards, research, public relations, finance and membership. Special committees are formed to deal with almost every phase of camping.

The Association has as its objectives:

To further the welfare of children and adults through camping.

To extend the recreational and educational benefits of out-of-door living.

To provide opportunities for fellowship among camp leaders.

To provide for the exchange of experiences and successful practices, and for the development of materials, standards and other aids for the progress of camping.

To serve as the voice of camp leaders in national and local affairs.

To interpret camping to related groups and to the public.

To stimulate high professional standards of camp leadership.

Abstracted in part from "The ACA, What you Give, What you get" available from the ACA National Office.

WHO'S WHO IN ACA

NATIONAL OFFICERS

PRESIDENT: Miss Catherine T. Hammett, Box 97, Pleasantville, N. Y.

VICE PRESIDENTS: Fred V. Rogers, 3940 49½ St., Minneapolis 10, Minn. Milton Goldberg, 590 N. Vermont, Los Angeles, Calif.

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SECRETARY: Mrs. Elizabeth Spear, Camp Fire Girls, 16 E. 48th St., New York City.
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(Continued on next page)

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WESTERN WASH: Ralph Childs, 220 East Fifth, Olympia, Washington.



Reference Section

1955 FOOD FORECAST

BY STANLEY A. FLOWER
U.S. Dept. of Agriculture

Record food supplies are in prospect for the coming year, according to the Agricultural Marketing Service, U. S. Department of Agriculture. Retail prices in 1955 are likely to hold at about the levels of the latter part of 1954, since it is expected that consumer purchasing power will stay high and demand for food will continue strong.

Some shifts in the makeup of the nation's total food supply are forecast on the basis of current harvest, livestock numbers, and other indications. In 1955 there may be more lard, oranges, eggs, rice, and frozen fruits and vegetables available than in 1954, while some reductions appear likely for turkey, canned fruits and vegetables, grapefruit, potatoes, sweet potatoes, and peanuts.

Following are the Department's forecasts for principal commodity groups:

Meat

For the third consecutive year, 1955 supplies of meat are expected to continue at a high level. *Beef* supplies may decline slightly, with the leveling off of the sharp rise in cattle marketings that began in 1953. But increased *veal* and *pork* supplies should more than offset the small drop in beef production, and may even be sufficient to replace the anticipated 10 percent decrease in *lamb* and *mutton* output.

Relatively small changes are in prospect for the general level of meat prices, although pork prices will probably be lower in relation to beef and lamb.

Poultry and Eggs

Egg production at a high—even record-breaking—rate is seen through mid-1955. But recent low prices, which are

expected to continue well into 1955, may discourage replacement of egg-laying flocks this spring, thus probably reducing egg output somewhat later in the year.

For the first time in recent years, placements of chicks in commercial broiler houses the final three months of 1954 dropped sharply, due largely to low prices. Accordingly, supplies of the 12-to-14 week old chickens in the first few months of 1955 will be below a year earlier. If reduced supplies bring sufficient improvement in market prices, producers may be encouraged to increase their output later in the year. However, supplies of chickens, together with farm hens, are expected to be ample.

Large supplies of heavy turkeys suitable for institutional use are on hand from the record crop of 1954, and are expected to carry well into 1955. Production for 1955 fall markets, however, may be smaller than the past year.

Dairy Products

Supplies of dairy products will be record large. Fluid milk output may be no greater than the record set in 1954, but stocks of butter, cheese and dry milk both in Government and commercial hands, are considerably above those of a year ago.

Fruit

Assuming continued favorable weather for citrus crops, more oranges but less grapefruit and lemons can be expected during the first 10 months of 1955. Supplies of bananas, which rank next to oranges and apples in volume consumed in fresh form, probably will continue somewhat smaller this winter than last. Apple output for 1955 cannot be estimated at this time.

Total supplies of canned fruit appear

to be somewhat smaller currently than a year ago. But plentiful supplies of canned fruit juices will be available, because of another large pack of citrus juices presently being processed, coupled with heavy carry-over stocks from the previous season.

Frozen fruits and fruit juices are expected to be a little more plentiful than last year. More frozen orange juice and berries, except strawberries, probably will be available.

Supplies of most dried fruits are expected to exceed domestic needs.

Vegetables

With the 1955 demand for fresh vegetables expected to be close to that in 1954, farmers will probably plant about as many acres to truck crops as in 1954. If growing conditions are normal, commercial output of vegetables probably will be larger than last year, when growing conditions were unfavorable in many areas.

Because of somewhat smaller supplies of potatoes this fall and winter, with farm prices significantly higher than a year earlier, farmers may be encouraged to plant a larger acreage to potatoes in 1955. Retail prices for 1955 crop proba-

bly will be reduced by the heavier supplies, starting in early summer.

Until about mid-1955, total supplies of canned vegetables probably will be much smaller than a year earlier, with prices averaging at least as high as the previous year. This would encourage a larger pack in the summer of 1955.

Although the frozen vegetable pack in 1954 was below the record output of 1953, the carry-over from that record pack is expected to bring available supplies for 1955 up to about the level that will permit consumption to continue at the record rate set in 1954.

Supplies of dry edible beans are expected to be about as large as in 1954, and those of dry peas much larger.

Others

There will be plentiful supplies of cereal food products again in 1955. Fats and oils will probably be at a peak through September, with output of vegetable oils near last year's record and more than sufficient for all anticipated needs. More lard will be available, probably at lower prices. Domestic supplies of canned fish products through mid-1955, when the new pack season begins, will be at least as large as a year earlier.



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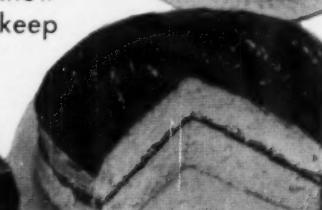
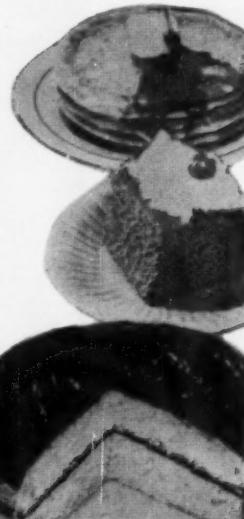
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MENUS FOR COOK'S NIGHT OFF

Cook's night off was once a major problem for the camp director. With three meals to be served, seven days of the week, there is practically no time when a kitchen can be left completely unmanned. Yet, our kitchen staff deserves its time off, and for the morale of the staff, it seems best to let the entire crew have their days off together. Thus many camps are left with no professional kitchen help at certain times.

But, now with the many prepared or semi-prepared foods, a good stock-room and a can opener, an untrained person can take over for the cook. A few of these foods are canned Spanish rice, welsh rabbit, corned beef hash, baked beans, sliced beef in gravy, chili con carne, spaghetti with tomato sauce and meat balls. Mixes for muffins, biscuits, cakes, gingerbread and pastry are so generally accepted that they have become a necessity rather than an emergency item.

The following menus have been worked out for easy food preparation and service and will take care of one night off each week during camp:

-1-

Tomato juice and cheese crackers
Creamed Chipped beef
Baked Potato
Hot biscuits and butter
Canned peaches
Chocolate cake or cookies—Milk

-2-

Cold cuts
Baked hashed in cream potatoes
(left in refrigerator to be baked 45
to 60 minutes)
Coleslaw with sliced tomatoes
Hot rolls and butter
Individual ice cream or ice cream
on a stick
Fruit oatmeal cookies—Milk

-3-

Baked Succotash (whole kernel corn,
cream style corn and green lima beans,
or string beans, baked)
Crisp cucumber pickles
Fruit cup (canned fruit cocktail)
Hot raisin muffins and butter
Chocolate cup cakes—Milk

-4-

Fish Chowder (may be canned)
served in large bowls with plenty of
crackers.

Cheese (American and Swiss, sliced,
and bowls of cottage cheese)

Bread to make sandwiches if desired
Fruit salad (canned) with French
dressing

Lemon roll (made like jelly roll with
lemon filling)
Chocolate milk

(Continued on next page)



WELL FED WITH H.B.C. CAMP FOODS

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- Cream Desserts
- Soup Bases
- Sweet Milk Cocoa
- Gelatine Desserts
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-5-

Tomato juice
 Creamed turkey and peas on fried
 Chinese noodles (canned)
 Squares of hot corn bread and butter
 Olives and sweet mixed pickles
 Deep dish apple pie with lemon sauce—
 Milk

-6-

Baked macaroni with sliced frankfurters
 (to be baked 45 to 60 minutes)
 Sliced tomatoes
 Cottage cheese
 Hot rolls and butter
 Canned pears
 Warm gingerbread—Milk

-7-

Corned beef brisket (canned) may be
 sliced onto waxed paper so that when
 heated it can be slid from paper to plate.
 Boiled potatoes with parsley butter

Buttered cabbage or spinach

(may be canned)

Canned apricot halves
 Sugar cookies—Chocolate milk

-8-

Glazed corned beef hash (open No. 10
 cans of corned beef hash, split the long
 way of the can, lay half-cylinders on
 baking pan. Sprinkle tops with brown
 sugar and stick in a few whole cloves.
 Bake as you would hams, just to glaze,
 not over one-half hour in 400° F oven).

Serve with:

Baked beans—tomato catsup
 Steamed brown bread with butter
 Lemon milk sherbet
 Squares of marble cake
 Grape juice or punch

*Source: Alice Easton, Food Consultant
 H. A. Johnson Co., Boston, Mass.*

22 Complete Different Delicious Hot Meals

QUICK! NOURISHING!
 AND SO INEXPENSIVE!

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Prepared Ready-to-heat-and-serve

MEAT ENTREES



Big Cans! Little Cans!

- 30 oz., 50 oz., and
 No. 10 (108 oz.)
- Smaller tins • Individual
 sizes for hikes and over-
 night outings

- Corned Beef Hash
- Chili Con Carne
 with Beans
- Chili Con Carne
 without Beans
- Beef in Barbecue Sauce
- Pork in Barbecue Sauce
- Beef Chop Suey
- Beef Stew
- Sliced Beef in
 Barbecue Sauce
- Sliced Pork in
 Barbecue Sauce
- Sliced Beef in Gravy
- Sliced Pork in Gravy

- Cubed Corned Beef
 with Beans
- Beans with Sliced Franks
- Chili Beans in
 Hot Chili Gravy
- Beef in Gravy
- Cubed Beef in Gravy
- Cubed Pork in Gravy
- Cocktail Franks in
 Barbecue Sauce
- Spanish Rice
- Pork in Gravy
- Swiss Steak
- Egg Noodles and Beef

write

Taste-tempters, work and time
 savers! Ready to use, easy to keep
 . . . no refrigeration necessary.
 Just pennies a plateful!

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 and free copy of book-
 let: "The Silver Skillet
 Kitchen of Meals - In-
 Minutes."

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Today, school cafeteria buyers have found that good food costs less, especially in feeding children and teenagers. There is no waste in serving food of the same fine quality that is featured in the leading hotels and restaurants. There is no extra cost for the assurance gained by serving food of the same purity as that served by the most exacting hospital.

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YOUR CAMP FEEDING PROGRAM

In order for a camp director to intelligently evaluate his feeding program he must have first established certain operating standards.

Menu standards, quality standards, recipes, portion-size standards, cooking and serving procedures, job descriptions, salary ranges must be realistically worked out and established within the budget limitations with the person responsible for the operation of the feeding program.

A camp director cannot guarantee a top-notch program merely by making a liberal allowance for raw food and salaries of kitchen employees. The efficiency of his feeding operation will be determined by four factors.

1. Approval of the campers.

2. Nutritional quality and value of food "as served."

good purchasing practices
little waste

organized cooking and serving procedures

nutritional value

efficient receiving

proper preparation

efficient storage

well-planned menus

3. Organization, stability and morale of kitchen employees.

well-trained

careful hiring

good working and living conditions

recognition of kitchen employees as

important factor in camp life

adequate recreation and off hours

good salary range

job description

4. Facilities and equipment.

adequate for the number to be fed

in good repair

inspected often

efficient floor plan

Source: George Fauerbach, Institutional Dining Service, New York

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ASK ABOUT KAMP-PACK, THE ONLY NON-PERISHABLE,
COMPACT FOOD FOR HIKES AND "COOK-OUTS",
SEALED IN STURDY, AIRTIGHT, FOIL PACKETS.



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CAKE AND PASTRY MIXES



SOUPS AND CHOWDERS



FRUIT GELATINES



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- ★ DANDY OYSTER CRACKERS ★ RITZ CRACKERS ★
- ★ FIG NEWTONS CAKES ★ NAB PACKETS ★ FOUNTAIN TREATS ★
- ★ LORNA DOONE SHORTBREAD ★ OREO CREME SANDWICH ★

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assure prompt and frequent delivery*



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Kindly send free samples and new booklet "America's Home Favorites."

Name..... Title.....

Organization.....

Address.....

City..... State.....

A PRODUCT OF



NATIONAL BISCUIT COMPANY

FOOD NEEDS OF CHILDREN

Kinds and quantities of food required per person per week
based on moderate-cost meals

Item	Unit	Children 7-9	Children 10-12	Girls 13-15	Girls 16-20	Boys 13-15	Boys 16-20
Milk ¹	Qts.	7	7	7	7	7	7
Potatoes	Lb.-oz.	1-12	2-8	2-10	2-4	3-2	4-0
Dry Beans, Peas, Nuts	Lb.-oz.	0-2	0-2	0-3	0-2	0-3	0-4
Tomatoes, Cit. Fruit	Lb.-oz.	1-8	1-12	1-12	2-0	2-0	2-0
Leafy, Green, & Yellow Vegs. ²	Lb.-oz.	3-0	3-8	3-8	3-8	3-0	3-0
Other Vegs. & Fruit ³	Lb.-oz.	3-0	4-0	3-4	4-4	5-0	5-8
Eggs	No.	6	6	6	6	6	6
Meat, Fish & Poultry ⁴	Lb.-oz.	1-8	2-0	2-8	2-8	2-12	3-0
Flour,							
Cereals ⁵	Lb.-oz.	2-2	3-4	3-4	2-8	4-8	5-0
Fats, Oils ⁶	Lb.-oz.	0-8	0-12	1-2	0-12	1-2	1-9
Sugars, Sirups, Preserves	Lb.-oz.	0-8	0-12	0-14	0-12	1-2	1-9

1—Or its equivalent in cheese, evaporated milk, or dry milk.

2—Such as green cabbage, kale, snap beans, carrots.

3—Such as apples, bananas, peaches, onions, corn, celery.

4—Exclude bacon and salt side.

5—Count 1½ lb. bread as lb. of flour. Use chiefly whole or enriched products.

6—Include bacon and salt side.

Source: Bureau of Home Economics, U. S. Department of Agriculture.

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FRUIT DRINK
FLAVORS!

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SMITH
JUNIOR
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For Campers and Counselors, too!

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Incidentally, you'll find these popular products easy on the budget . . . specially priced for mass feeding.

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Institutional Division, General Headquarters,
Checkerboard Square, St. Louis 2, Missouri



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contains twice as much vitamin-rich wheat germ as whole wheat!



Bite Size Wheat Chex and Rice Chex

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Your hearty-eating campers will love Chef's Ravioli! These tender little macaroni pies are filled with pure beef, flavored with cheese and cooked to perfection in a superb meat-tomato sauce. Comes ready to heat and serve.

But Ravioli is only one of the many good, nourishing Chef Boy-Ar-Dee foods that can be served at low cost! All are ready to heat and eat... all come in the #10 can for economical mass feeding.

- Spaghetti and Meat Balls
- Spaghetti with Tomato Sauce and Cheese
- Sauce with Meat
- Sauce with Mushrooms
- Sauce with Meat Balls
- Spanish Sauce
- Chile Con Carne with Beans
- Meat Balls with Gravy
- Ravioli with Meat in Brine



Yield per #10 can:

110 pies or
14 servings

Cost per serving:

9½¢ to 11¢



We offer a product folder with a cost portion chart showing yield per can and cost per serving. Also free test samples. Specify product.

Available from your institution wholesale distributors.

American Home Foods, Inc.

Industrial Products, 22 East 40th Street, New York City

FRESH FOODS FOR 100

MEATS

Item	Amount Required
Bacon	15 pounds
Chicken (creamed)	30 pounds
Chicken (fricasse)	50 pounds
Chicken (roast, fried)	75 pounds
Chops	40 pounds
Cold Cuts	18 pounds
Corned Beef (for hash)	20 pounds
Dried Beef	10 pounds
Frankfurters	16-20 pounds
Ground Meat (loaf)	20 pounds
Ground Meat (patties)	25 pounds
Ham (baked)	40 pounds
Ham (cold boiled)	12 pounds
Liver	25 pounds
Sausage	25 pounds
Meat for Soup (meat and bones)	30 pounds
Stew (with vegetables)	20 pounds
Swiss Steak	35 pounds
Short Ribs (bone in)	65 pounds
Turkey, Roast, with Dressing	50-60 pounds

FISH

Fillet	30 pounds
Whole, cleaned	35 pounds
Portion-packed	25 pounds

FRUITS

Apples	34 pounds
Apples (sauce or salad)	30 pounds
Bananas	34 pounds
Bananas (sliced or in salad)	15 pounds
Berries:	
Blackberries	20 quarts
Blueberries	12 quarts
Raspberries	23 quarts
Strawberries	24 quarts
Cherries	1 crate (16 qts.)
Grapefruit	50
Grapes	30 pounds
Melons:	
Cantalouge	50
Honeydew	37 pounds
Watermelon	75 pounds
Oranges	100
Peaches	35 pounds
Pears	34 pounds
Plums	20 pounds
Rhubarb	24 pounds

VEGETABLES

Item	Amount Required
Asparagus	34 pounds
Asparagus (creamed)	25 pounds
Beans (green or wax)	28 pounds
Beets	30 pounds
Broccoli	35 pounds
Cabbage (cooked)	25 pounds
Cabbage (raw)	16 pounds
Canned Vegetables	4 No. 10 Cans
Carrots	25 pounds
Cauliflower	50 pounds
Celery (salad)	10 bunches
Corn	100 ears
Cucumbers (salad)	8
Lettuce (shredded)	20 heads
Lettuce (garnish)	10 heads
Onions	24 pounds
Parsnips	28 pounds
Peas (in shell)	50 pounds
Potatoes, Irish	40 pounds
Potatoes, Sweet	40 pounds
Radishes	20 bunches
Spinach	34 pounds
Squash, Summer	30 pounds
Tomatoes	30 pounds
Turnips	30 pounds

PREPARED FOODS

Beverage	5 gallons
Bread (30 slices to a 2-lb. loaf)	7 loaves
Cake, layer, 10-inch	6 cakes
Cake, sheet	2 pans (12 x 20 in.)
Fruit Cup	2½ gallons
Pies, 9-inch	15
Pudding, cornstarch	2½ gallons
Salads	3-4 gallons
Salad Dressing	2 quarts
Sauces	3-4 quarts

MISCELLANEOUS

Berries (shortcake)	16 quarts
Butter or margarine	2 pounds
Cheese, American	7 pounds
Cheese, Cottage	20 pounds
Cocoa	1 pound
Ice Cream	4 gallons
Macaroni	8 pounds
Olives	3 quarts
Pickles	3 pounds
Potato Chips	5 pounds
Rice	10 pounds
Spaghetti	8 pounds

CANNED FOODS FOR 100

PRODUCT	SIZE OF CAN	COUNT PER CAN	SIZE OF PORTION	APPROX. NO. OF CANS FOR 100 PORTIONS
Table Fruits				
Apricot Halves	No. 10	76-88	3 halves	4
Fruit Cocktail	No. 10		4 oz.	4
Kadota Breakfast Figs	No. 10	90-110	3 figs	3½
Peach Halves	No. 10	35	3 oz.	3
Peach Slices	No. 10		3 oz.	3½
Prune Plums	No. 10	75-85	3 plums	4
Vegetables				
Baked Beans	No. 10	3 quarts	7 oz.	7
Green Beans	No. 10	3 quarts	4 oz.	4
Wax Beans	No. 10	3 quarts	4 oz.	4
Beets	No. 10	3 quarts	4 oz.	4
Carrots	No. 10	3 quarts	4 oz.	4
Peas	No. 10	3 quarts	4 oz.	4
Sauerkraut	No. 10	3 quarts	4-5 oz.	5
Spinach	No. 10	3 quarts	4 oz.	4
Sweet Potatoes	No. 10	3 quarts	4 oz.	4

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HIGH QUALITY Always fresh. Made in New England and shipped direct.

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COOKIES
ROLLS AND BISCUITS
CAKE MIXES

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BROWNIES
INSTANT COCOA
GELATINE DESSERTS
PANCAKES
WAFFLES
AND MANY OTHERS

T. A. FAULDS CO.

281 HYDE PARK AVE.

BOSTON 30, MASS.

Excellent Reference Books
 on
Foods and Camp Cooking
 are included in the
Bibliography Section — Page 108

Fish Products

Salmon	1 lb.	2 cups	$\frac{1}{2}$ cup	25
Tuna Fish	No. 1	1 $\frac{1}{4}$ cups	$\frac{1}{2}$ cup	25

Juices

No. 10	3 quarts	6 oz.	6
No. 3	1 $\frac{1}{2}$ qts.	6 oz.	12

Soups

No. 10	12-13 cups	$\frac{3}{4}$ cup	7*
No. 3	6 $\frac{1}{4}$ cups	$\frac{3}{4}$ cup	11*

Meat Products

Corned Beef Hash	No. 10	12 cups	$\frac{1}{2}$ cup	4
Frankfurters	4-lb. can	35	2 (5 oz.)	6
Meat Loaf	6-lb. loaf		5 oz.	5

Jams and Spreads

Grape Jelly	1 lb.	1 $\frac{1}{2}$ cups	1 $\frac{1}{2}$ -2 tbsp.	9
Orange Marmalade	No. 10	3 quarts	1 $\frac{1}{2}$ -2 tbsp.	1
Peach Jam	No. 10	3 quarts	1 $\frac{1}{2}$ -2 tbsp.	1
Peanut Butter	2 lbs.	3 $\frac{1}{2}$ cups	2 tbsp.	2

* Servings for condensed soup should be based on quantity after liquid has been added. Number of servings would be twice those stated above.

Quick Food Energy
for Active Campers!



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C CURTISS CANDY COMPANY • CHICAGO 13, ILL.
 Otto Schnering, Founder

MEAT FOR 100

Kind of Meat	Cut	Style	Weight of cooked serving	Approximate amount of purchase
Beef (a) for Roasting	Round	Rump and shank off	4 ozs. 6	74 lbs. 110
	Ground beef	Meat loaf (all meat)	4 6	46 69
	Ground beef	Meat loaf (cereal filler)	4 6	28 42
Lamb (a) for Roasting	Leg	Bone-in	3 4	46 62
	Shoulder	Bone-in	3 4	32 42
	Shoulder	Boneless	3 4	30 40
Pork (b) for Roasting	Loin	Bone-in	3 5	44 74
	Shoulder	Cushion	3 5	41 68
	Fresh ham (leg)	Bone-in	3 5	46 76
Veal (a) for Roasting	Smoked or pickled ham	Bone-in	2 3	37 55
	Leg	Bone-in	3 4	38 50
	Shoulder	Rolled	3 4	31 41
Beef (c) for Braising	Round	Rump and shank off	3 4	41 54
	Round	Swiss steak	4 6	35 52
	Flank	Steak	4 6	35 61
Braising or simmering (d)	Sirloin butts	Boneless	4 6	27 40
	Chuck	Boneless	4 6	41 61
	Plate or short ribs		5 7	42 58
Pork (c) for frying, braising or roasting	Loin	Chops	4 5	40 50
Frying or broiling	Sausage	Bulk	2 3	23 34
	Bacon	Sliced	1	18

(a) If cooked at above 300° F. amount purchased will have to be increased.

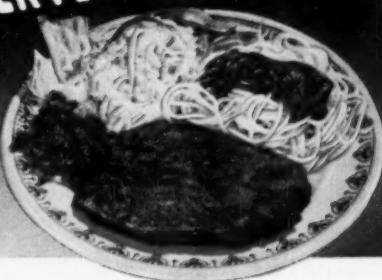
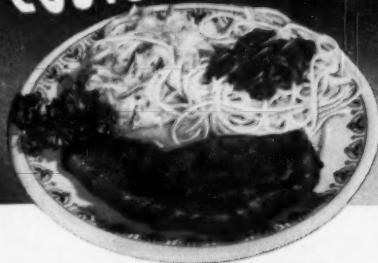
(b) If cooked at above 350° F. amount purchased will have to be increased.

(c) If cooked at excessively high temperature, increase amount purchased.

(d) If cooked at boil rather than simmering, increase amount purchased.

Source: University of Texas, adapted from "Cooking Meat in Quantity," published by National Live Stock and Meat Board.

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*the one on the right

with Colonial Beef Ready-Cut

PORTION-CONTROL MEATS

Camp managers everywhere are saving time, labor, money with Colonial Beef Ready Cut Meats. The finest government graded meats processed in the most modern government inspected plant assures top quality . . . plus

- exact portions, uniform in size and quality
- exact cost for each portion to the penny
- exact inventories — simply subtract portions served from portions purchased
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WHOLESALE PACKAGE SIZES

for various camp foods

Vegetables	Unit of Purchase	Weight in Pounds	Fruits	Unit of Purchase	Weight in Pounds
Asparagus	Crate	30	Apples	Bushel	48
Beans, green	Bushel	30	Bananas	Hand	5
Beets	Bushel	52	"	Bunch	45 to 65
Cabbage	1½ bu. hamper	48	Blackberries	Crate	36
"	Sack	50			(24 qt.)
Canned Goods	No. 10 can	6½ Approx.	Raspberries	Crate	36 (24 qt.)
Carrots	Sack or bushel	50	Strawberries	Crate	36
Cauliflower	1½ bushel crate	37			(24 qt.)
Celery	½ crate	65	Cherries	Bushel	64
Corn	Bushel	35	Grapefruit	Calif. box	68
"	Sack (100 ears)	55	"	Fla. or Tex. box	80
Onions	Sack	50 or 100	Grapes	Lug	28
Parsnips	Bushel	50	"	Bushel	48
Peas (unsh'd)	Bushel	50	Lemons	Box	79
White Potatoes	Peck	15	Melons		
"	Bushel	60	Cantaloupe	Jumbo crate	70
"	Sack	100	Honeydew	Crate	35
Sweet Potatoes	Peck	13¾	Watermelon	Each	25
"	Bushel	55	Oranges	Calif. box	77
Spinach	Bushel	18	"	Fla. box	90
Squash, (Summer)	Bushel	40	Peaches	Bushel	48
Tomatoes	Lug Box	32	Pears	Bushel	48
"	Bushel	53	Plums	Suitcase Lug	16
Turnips, (no tops)	Bushel	54	"	Crate	28
			"	Bushel	56
			Prunes (dried)	Box	25 or 50

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LEMON LIME ORANGE

Delicious fruit flavor for beverages and baked foods made from real fruit base with fruit components added. If dealer doesn't stock, order direct.

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Grape, root beer and cherry
flavors

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NOW AVAILABLE.** Write for full details.

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Point Pleasant, N.J.

Where to buy

Foods and Beverages

Prepared Food Mixes

Candy

Dehydrated Foods

are found in the

Buying Guide Section

beginning on page 116

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PAPER
SERVICE

for beverages
and food



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save labor, time and space
cancel breakage
help prevent spread of disease
save money

Juice Cups — Small (3, 4, 5 oz.)
For fruit juices and water.

Cold Drink Cups — Medium (6-10 oz.)
For milk, ade, pop, iced tea.
Large (12-24 oz.)
For milkshakes, other large drinks.

Hot Drink Cups — Medium (6-10 oz.)
For hot chocolate, soup, coffee.

Soup Bowls (8, 10, 12, 16 oz.)
For soups, stews, casseroles, hot or cold
cereals.
(Casserole recipes on request)

Portion Cups (9 sizes from $\frac{1}{2}$ to $5\frac{1}{2}$ ozs.)
For condiments, sauces, vegetables,
desserts.

Dishes (4 and 6 oz.)
For ice cream, salads, stewed
fruits, puddings.

Containers — (4, 8 and 16 oz.) with lids.
For carrying or storing ice cream,
stewed fruits, puddings.

Plates — plastic coated or plain (5 sizes
— 6 inch to $9\frac{1}{2}$ inches) Attractive,
heavy duty.

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KIT containing samples of the Lily*
products you can put to work for you.*

LILY-TULIP CUP CORPORATION, Camp Dept.

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Chicago • Kansas City • Los Angeles

KITCHEN EQUIPMENT

Number and Sizes of Utensils Needed

Equipment Item and Description	Number needed for 100 Campers	Number needed for 150 Campers
STOCK POTS with covers, 5 to 10 gallon, tall with straight sides and handles, aluminum, semi-heavy.	2 only	3 only
PRESERVING KETTLES, 10 to 16 quart, aluminum	4 only	6 only
DOUBLE BOILERS,		
11 quart, heavy duty aluminum	1 only	2 only
17 quart, heavy duty aluminum	2 only	2 only
SAUCE PANS, handled		
2 quart, semi-heavy aluminum	2 only	2 only
4 quart, semi-heavy aluminum	2 only	2 only
BAKING PANS, 12 x 18 x 2½ inches, aluminum	8 only	12 only
ROASTING PANS, black sheet iron with 3 straps, 16 x 22 x 3½ inches (to fit range oven)	4 only	6 only
FRYING PAN, 14 inches, black iron	2 only	2 only
MUFFIN PANS, 12 cup, aluminum or good grade of tinned ware	12 only	18 only
PUDDING PANS, round		
2 quart, aluminum	1 only	2 only
4 quart, aluminum	2 only	3 only
MIXING BOWL, 9 quart, aluminum	1 only	2 only
SKIMMER, wire, 6 inch diameter	2 only	2 only
ICE PICK	1 only	1 only
BISCUIT CUTTER, 2 inch diameter	2 only	2 only
APPLE PARING MACHINE	1 only	1 only
VEGETABLE BRUSHES	6 only	9 only
CUTTING BOARD, 24 x 18 x 2 inches cured hard maple	1 only	1 only
LADLES FOR SERVING (Aluminum or stainless steel)		
1 cup capacity	2 only	2 only
½ cup capacity	2 only	2 only
¼ cup capacity	2 only	2 only
LADLE, 1 quart, with long handle	1 only	1 only
ICE CREAM DIPPERS		
No. 8 (for potato and vegetables)	2 only	2 only
No. 10 (for ice cream)	2 only	2 only
No. 12 (for salads)	2 only	2 only
No. 24 (for sandwich fillings)	2 only	2 only
PITCHERS, aluminum, 4 quart	2 only	2 only
TRAYS, 14 x 18 inches	8 only	12 only
GRADUATED MEASURES:		
Spoons, aluminum or plastic	2 sets	2 sets
Cup, aluminum	2 only	2 only
Quart, aluminum	2 only	2 only
DISH PANS (for mixing) 21 quart, aluminum or heavy tinned ware	2 only	3 only



**SPEEDY,
SUPER-SANITARY
DISHWASHING**

**with the
NEW Model 10A
*automatic***

STAINLESS STEEL
JACKSON
DISHWASHER

The JACKSON Model 10A Dishwasher is ideally suited to camp installations. Note these advantages:

EASY TO INSTALL AND SERVICE

Installation takes only a few hours. The Jackson is so simple that any competent workman can service it.

NO STORAGE OR SHUTDOWN PROBLEM

You just shut off water supply, drain and rest assured that Jackson's sturdy construction will weather Fall, Winter and

Spring. No problem to start up next Summer.

LOWEST PRICE—TOPS IN QUALITY

No other nationally known spray-type dishwasher is priced so low, yet Jackson is a hit with health authorities from coast to coast.

LARGE CAPACITY—PROMPT DELIVERY

Up to 40 trays of dishes per hour washed, rinsed and sanitized! You don't have to wait for Jackson's advantages. All orders are filled promptly—can be installed and tested before camp opens.

See how the JACKSON Dishwasher fits your camp's plans

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DISHWASHERS
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THE JACKSON PRODUCTS COMPANY

3700 East 93rd St., Cleveland 5, Ohio

Please send free booklet, prices and information.

Name _____

Address _____

City _____ Zone. _____ State. _____

KITCHEN EQUIPMENT - *Continued*

Equipment Item and Description	Number needed for 100 Campers	Number needed for 150 Campers
COLANDER, 15 inch diameter, aluminum	1 only	1 only
STRAINERS, wire, 8 inch diameter	1 only	2 only
CHINA CUP STRAINER, 10 inch	1 only	1 only
WOOD CHOPPING BOWL, 15 to 16 inch diameter	1 only	1 only
ROLLING PIN, wood, 15 inches long, 3½ inches diameter	1 only	1 only
FOOD CHOPPER, 3 pound capacity	1 only	1 only
ROUND CAKE PANS, good grade tinned ware, 10 inches diameter, 2 inches deep	18 only	27 only
BISCUIT SHEETS, good grade tinned ware, (pans with sides) 16 x 22 x 1 inch	4 only	6 only
BUTTER CUTTER	1 only	1 only
HAND REAMER, glass	2 only	2 only
CAN OPENER, stationary	1 only	1 only
HAND GRATER, aluminum, 9 x 4 inches	1 only	1 only
WIRE WHIP		
French, 16 inches long	1 only	1 only
French, 22 inches long	1 only	1 only
KNIVES		
French, chopping, 12 inch blade	2 only	2 only
Carving, hotel slicer, 12 inch blade	1 only	1 only
Paring, 3 inch blade	3-6 only	4-9 only
Spatula, stainless steel, 8 inch blade	2 only	2 only
Chopping knife with double blade	1 only	1 only
Cleaver, 8 inch blade	1 only	1 only
KNIFE SHARPENER, 12 inch, butcher steel	1 only	1 only
COOK'S FORK, 12 to 18 inches	2 only	2 only
PANCAKE TURNERS, stainless steel, 6 inches x 3 inches	2 only	2 only

Monroe
FOLDING TABLES
And
Folding Chairs

12 FOLDING TABLES
ON MONROE TRUCKS
STACK ONLY 29" HIGH

Direct Prices To
Camps, Schools,
Churches and
All Organizations
Write for Catalog
and Discounts

THE Monroe COMPANY
171 CHURCH STREET . . . COLFAX, IOWA

You Can Buy Better

for your camp . . .

. . . if you contact the advertisers on these pages, obtain their catalogs, see which offerings BEST meet your needs.

Equipment Item and Description	Number needed for 100 Campers	150 Campers
SPOONS, large cooking, 14 inches long	6 only	9 only
EGG BEATER, large sturdy, stainless steel	2 only	2 only
GARBAGE CANS, with covers, 6 gallon capacity, heavy duty galvanized (for storing supplies)	6 only	6 only
GARBAGE CANS, with covers, 26 gallon capacity, heavy duty galvanized	8 only	8 only
CLOCK	1 only	1 only
HAMMER	1 only	1 only
SHEARS, 8 inches long	1 only	1 only
LADDER, store room, 4 feet	1 only	1 only

Source: "Camp Kitchen Management," published by Dept. of Institution Management, New York State College of Home Economics, Cornell University.

Save Time! Save Space! Save Money!
SOLVE YOUR TABLE and
SEATING PROBLEMS with A B C
FOLDING TABLES and LEGS



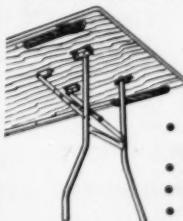
Excellent for

- Dining rooms
- Game rooms
- Outdoors
- Work tables

Juvenile or Standard Height — Sizes:
 48" L x 30" W x 25" or 30" H
 72" L x 30" W x 30" H
 96" L x 30" W x 30" H

Tabletops of finest grade 5 ply $\frac{3}{4}$ " thick plywood; finished in walnut stain.

CONSTRUCT YOUR OWN TABLES



24" to 42" WIDE
 WITH A B C
 FOLDING LEGS

- Made of heavy guage steel tubing
- Electric welding
- Will support 1500 lbs.
- Built to last

GOOD FOR: Outdoors, Dining, Game, Display and work tables.

ALSO AVAILABLE: Folding legs for Regulation Size 5' x 9' Ping Pong Tables.

A B C METAL PRODUCTS

113 West 42nd St., N. Y. 36, N. Y.
 Tel. BRYANT 9-3606

Other sizes available. Send for FREE illustrated catalog and price list.
 DEPT. CMA

FOOD SERVICE EQUIPMENT

Kitchen Equipment, Utensils, Cutlery, Plastic and China tableware, Stainless Steel Flatware, Folding Tables and Chairs, and Bulletin Boards.

***Everything for
Camp Kitchens and
Dining Rooms***

***Send Us Your Inquiries
or Bid Requests.***

NATIONAL CHINA & EQUIPMENT CORP.

214-18 EAST FOURTH STREET

MARION, INDIANA

SANITATION FACTS

WATER

1. Drinking Water.
 - a. Certified safe by local Public Health Department.
 - b. Sub-surface sources developed if possible.
 - c. Surface water requires proper treatment.
 - d. Drinking fountains and approved sanitary water system best, individual drinking cups o.k., common drinking cup strictly prohibited.
2. Swimming Water
 - a. Samples submitted to local Public Health Dept. for bacteriological tests.
 - b. Beaches free of refuse and debris or contamination by garbage or sewage.
3. Auxiliary Water
 - a. Unsafe at any place where it may enter the mouth:

- Washing in the kitchen, shower heads or lavatory taps.
- b. Use only for: Flush toilets, urinals, laundry machines, heating systems.
- c. Dual water systems are not to be recommended.

FOOD

1. Storage
 - a. Perishables.
Temperature not higher than 50° F. for milk, butter and vegetables.
Temperature not higher than 34° F. for meat, etc. Artificial ice recommended if electric refrigeration not available.
 - b. Non-Perishables.
Protect against contamination by rodents and insects and keep dry.
Free circulation of air.
2. Preparation
 - a. Food handlers.
Certificate of examination attest-

WORRIED ABOUT WATER?

%Proportioneers, Inc.% — world's leading manufacturer of chemical feeders — is ready to help you with your water sterilization problems. Why worry about water pollution . . . why take chances with typhoid and other water borne diseases when you can come to %Proportioneers% for the hypochlorinator you need. We offer you four models to choose from: Du-Self, Chlor-O-Mite, Chlor-O-Feeder, Chem-O-Feeder. For detailed information write "Camp", %Proportioneers, Inc., 441 Harris Ave., Providence 1, Rhode Island.



PROPORTIONEERS

DIVISION OF B-I-F INDUSTRIES, INC.
BUILDERS IRON FOUNDRY • OMEGA MACHINE CO. • BUILDERS-PROVIDENCE, INC.



Sanitation Facts

- ing freedom from tuberculosis, typhoid, syphilis and amoebic dysentery. Weekly inspection as to general health.
- b. Utensils and dishes—clean.
 - c. Meat and Dairy Products.
Gov't inspected or from gov't inspected animals.
 - 3. Serving—attractive and clean.

GARBAGE DISPOSAL

Water-tight covered containers, washed after each emptying. Entire container removed to place of disposal, emptied, cleaned and returned. Emptied every second day or oftener. Incinerated, buried in a pit or fed to pigs.

RUBBISH AND REFUSE DISPOSAL

Combustible wastes burned. Non-combustibles buried, tin cans flattened and

glass containers broken, to prevent mosquito breeding.

TOILET FACILITIES

One or more, conveniently located to all parts of camp, constructed so that waste is not accessible to flies and does not pollute surface soil or contaminate water.

DOMESTIC ANIMALS

Not permanently quartered within 500 feet of any kitchen, dining hall or living quarters. Temporary corrals or picket lines not within 200 feet of above.

SLEEPING AND LIVING QUARTERS

Adequate windows, adjustable for ventilation, properly screened.

LAUNDRY

Adequate facilities at camp, or sent out.

Source: Frank S. Wissmath, M.D., based on ACA Standards.

CHLORINATION by W & T

Stops this kind of shut-down

Chlorination of your camp water supply is not only "good health"—it's good business, too. Costly shut-downs by health authorities for typhoid, dysentery, and other water-borne disease just can't happen with Wallace & Tiernan Hypochlorinators on the job.

These rugged machines have many characteristics designed especially for camp operation. Here are some of their main features:

Easy operation—Switch on the power and the Hypochlorinator starts operating.

Compact—The Hypochlorinator and solution crock need only four square feet of floor space.

Approved—Chlorination is recognized and approved by health authorities across the country as a safe, sure means of sterilization.

Dependable—You can count on Wallace & Tiernan Hypochlorinators because they are the product of 36 years experience in all phases of water purification and are backed by a nationwide service organization.

See your nearest W & T Representative now to learn how your camp can obtain these and other advantages from chlorination.



WALLACE & TIERNAN
INCORPORATED

CHLORINE AND CHEMICAL CONTROL EQUIPMENT
NEWARK 1, N. J. • REPRESENTED IN PRINCIPAL CITIES.

INSECT AND PEST CONTROL

HOUSE FLIES

WHERE FOUND

Kitchens and
Dining rooms

METHODS OF CONTROL

1. Good sanitation to prevent breeding. This is most important because many insects have developed resistance to DDT, chlordane, lindane and other materials that previously provided good control.
2. Adult insects can be killed by fly spray (Grade AA recommended), aerosol bomb or fog aerosol.
3. Coarse, wet spray of 5% DDT solution where residual deposit is not objectionable, applied to kitchens, food-storage rooms, dishwashing rooms, pantries, dining rooms, rafters, hanging lights, ceilings, projecting room corners, shelves, inside and outside of cupboards, floor cabinets, underside and legs of all tables, workbenches, meat-blocks and sinks, around door trim and windows, screening and stands upon which disposal cans are kept.
4. Pyrenone or sulfoxide sprays are also recommended for use against houseflies. These materials will not harm human beings or pets and their use around food will not involve health hazards. Most pyrenone and sulfoxide concentrates contain 1% of pyrethrins and 10% of either piperonyl butoxide, or sulfoxide. When used with mechanical fog generators they should be diluted with 9 parts of water; with hand type sprayers, dilution is increased to 20 parts of water. Pyrenone aerosols are also available and are effective. When either pyrenone sprays or aerosols are used, doors and windows should be closed during and for one-half hour after each application.
5. Electric vaporizers that can be plugged in wall outlets in kitchens, dinning rooms, etc., can be effective in eliminating flying and crawling insects. Fixtures should be mounted at least 3 feet below ceiling level for best results.

MOSQUITOES

Indoors
Outdoors

Same method and at same time as for houseflies.

1. Eliminate breeding grounds by draining swampy land or spray breeding grounds every ten days with DDT oil solution or dust with 1% DDT powder.
2. Apply 5% DDT petroleum base spray carefully to surfaces of buildings, rock walls and shelters where they may alight. From 1 to 2½% DDT wettable powder, dissolved in water can be sprayed on tree trunks, bushes and vegetation close to camp.

Fog applications utilize 5% DDT in solutions, emulsions or suspensions, at as low as 1/50th pound per acre.

COCKROACHES

Kitchens and
Dining rooms

Apply 5% DDT petroleum spray on undersides of sinks, shelves along baseboards and walls.

10% DDT dust can be blown into harboring places with dust guns. Treat again if necessary.

SILVERFISH

Bedrooms Same methods as above.

STABLE FLIES

Decaying organic matter, wet straw 5% solution of DDT in oil at breeding site.
Pyrenone spray or aerosol for inside buildings.

BEDBUGS

Bedrooms 5% DDT petroleum spray applied to unused beds, mattresses, baseboards and similar places of harborage.

FLEAS

Indoors Dust with 10% DDT dust, especially sleeping quarters of pets. Sprinkle floor lightly and sweep powder back and forth to distribute into floor cracks.

ANTS

Kitchens and Dining rooms Treat the points of entrance from outside with 5% DDT spray.

SANDFLIES, GNATS, BLACKFLIES

Indoors Spray screening with a 5% DDT solution in heavy petroleum base.
Outdoors Same treatment as for mosquitoes.

for Nuisance Insect Control in Camps

TIFA has been used successfully for more than 10 years in community fly and mosquito programs.

Tifa insecticidal fog gets a kill where other methods fail! That's why hundreds of modern camps depend upon it . . . to rid their premises of flies, gnats, mosquitoes and all insects. Tifa was first in the field and conclusive tests have proved it best!

Write for full information now, and be ready to keep your campers happy, well, and on your rolls the entire season.



TODD INSECTICIDAL FOG APPLICATOR

Carrying Underwriters' Listing Seal

COMBUSTION EQUIPMENT DIVISION TODD SHIPYARDS CORPORATION

81 - 16 45th Avenue, Elmhurst 73, N. Y.

FIRE SAFETY CHECKLIST

Score your camp's fire safety. Check your own practice against each of the questions below. Each "No" points to a serious fire hazard. Do something about these hazards—now! Use the check list frequently during the season.

HOUSEKEEPING

1. Have you removed all flammable rubbish and leaves from around buildings and tents?
2. Are grass, brush and small trees cut or thinned out around camp buildings?
3. Is fire-fighting equipment within easy reach when trash, leaves, etc. are burned out-of-doors?
4. Do you keep your storerooms and garages free from rubbish, old rags, papers, etc.?
5. Do you keep oil mops or paint rags in closed metal containers to guard against spontaneous ignition?
6. Are stoves always kept free of grease? Do you have baking soda or salt handy in case of grease fires?
7. Do you hang towels on special racks, never drying them on or near stoves?
8. Do you collect ashes in covered hole-free metal containers and dispose of them when properly cooled?
9. Do you keep matches in metal containers away from heat?
10. Do you use only safety matches in camp?
11. Do you have spark-screens over all chimneys?
12. Are all fireplaces equipped with effective firescreens?

FLAMMABLE LIQUIDS

13. Do you start fires with paper and/or kindling only, never with flammable liquids?
14. Are kerosene or gasoline lanterns hung up or put on tables or shelves and never on the floor?
15. Are supplies of fuel oil stored away from buildings, preferably in underground tanks?
16. Are oils (kerosene and gasoline) handled only in the daylight and where spillage cannot be ignited?

17. Are gasoline stoves and kerosene stoves and heaters of types listed by Underwriters' Laboratories, Inc?
18. Are your lamps sufficiently heavy-based to prevent tipping?

CONSTRUCTION

19. Are the roofs of your buildings non-combustible?
20. Are roofs, gutters, eaves of buildings free of needles and leaves?
21. Are all stovepipes, chimneys and hoods above kitchen stoves cleaned and repaired before camp opens?
22. Are floors directly under stoves and heaters protected by galvanized iron, concrete or brickwork?
23. Have you eliminated all stovepipes which pass through closets or store-rooms?
24. Are walls, rafters, ceilings and partitions protected from over-heating of stoves and pipes?

ELECTRICITY

25. Are electric irons and all electrical appliances used for cooking, equipped with metal stands and heat controls?
26. Do you use only those electric appliances, fuses, extension cords bearing the label of Underwriters' Laboratories?
27. Are all electric extension cords in the open—none under rugs, over hooks?
28. Do you allow only qualified electricians to install your wiring?
29. Do you use Standard fuses of proper capacity, never others?
30. Do you always use safety film for movies, never nitrocellulose film unless you have a standard projection booth?

SMOKING

31. Do you maintain restricted places for smoking—no matter WHO?

Protect Your Camp with Smith



INDIAN FIRE PUMPS

ENDORSED BY PROFESSIONAL FIRE FIGHTERS . . . "Choice for Quality the World Over."

Here's What Camp Directors Say:

"I wouldn't think of opening camp without our INDIAN FIRE PUMPS."

R. P. Tappenden,
Camp Adanac

"We have 18 INDIAN FIRE PUMPS strategically located. Wouldn't be without them."

Merrill J. Duran,
Camp Conrad Weiser

SMITH
RITESIZE SPRAYER
2 GAL. COMPRESSED AIR



Light weight. Extra long hose. Adjustable nozzle. Sprays roses, flowers, crops, fruit trees, etc. Excellent for weed and brush control.



INDIAN DRINKING WATER & SUPPLY TANK

No. 75G



Many uses in every camp. Portable. 5 gal. capacity. For hikes, canoe trips, cook outs, etc. Carries water, coffee, soft drinks. Completely sanitary. Push button faucet. Send for circular.

SMITH
Streamlined BLIZZARD Sprayer

World's finest continuous sprayer. Pump barrel is heavy, seamless brass. Tank is solid copper highly polished. Slow pumping throws continuous mist spray. Everycamp needs them.



PINT 2 SIZES
 QUART
(39 OUNCES)

Send for circulars describing any of the items above
D. B. SMITH & CO. 417 Main St., Utica 2, N.Y.

Fire Safety Check List

32. Does the camp insist that all cigarettes and cigar butts be carefully extinguished before they are disposed of?
33. Do you insist that matches be broken in two before throwing away?

FIRE FIGHTING

34. Do you have simple fire-fighting equipment, such as brooms, rakes, pails of water, pails of sand, shovels?
35. If you have a fire hose, canvas or rubber, do you test it before camp opens?
36. Is equipment kept in designated places and in good condition?
37. Do you have more than one exit from all rooms in main buildings?
38. Do you have a camp check before retiring to see if all fires and lights are out or suitably protected?
39. Do you have regular fire drills for all campers and staff?
40. Do you have a place where pumpers can take water?
41. Do you have approved fire extin-

- guishers in every main building? Are they kept in good working order? Do your personnel know how to use them?
42. Do you have fire escapes on buildings of more than one story?
43. Do you have an easily distinguished fire alarm?
44. Do you have a fire brigade?
45. Do you have ladders that will reach to the roof of your buildings?
46. Is there any organized fire protection in your community?
47. Do you know where or how to call for this protection service?

CAMP FIRES

48. Do you build outdoor fires only in safe places, on sand or other mineral soil, or on rocks and not near trees?
49. After putting out an outdoor fire do you stay until ashes are cool enough to test with your bare hands?

Source: Nat. Bd. of Fire Underwriters.

FIRE EXTINGUISHER FACTS

Types of Fires

Class A—On fires in ordinary materials (paper, wood, cloth, excelsior, etc.) cooling is more effective than smothering.

Class B—On fires in burning liquids (oils, paints, varnishes, grease, etc.) the smothering method should be used.

Class C—On fires in live electrical equipment, such as a motor, switchboard, etc., water should not be used, as it may cause a shock to the operator and may damage the equipment.

Type of Extinguishing Effect	Use on Fires of			How to operate	Length of Discharge	Recharge	Protection from freezing
	Class A	Class B	Class C				

PLAIN WATER:

Pump tank	Cooling	Yes	No	No	Pump by hand	30—40 ft.	After use	Approved anti-freeze chemicals may be added to the water
Gas cartridge	Cooling	Yes	No	No	Turn over, bump on ground	30—40 ft.	After use	

WATER AND CHEMICALS:

Soda-acid	Cooling	Yes	No	No	Turn over	30—40 ft.	Annually	Keep in heated cabinet if building is unheated.
Foam	Cooling	Yes	Yes	No	Turn over	30—40 ft.	Annually	Never add anti-freeze chemicals.
Loaded stream	Cooling & "oxidation inhibiting"	Yes	Yes	No	Turn over, bump on ground	30—40 ft.	After use	None required to -40° F.
CHEMICAL:								
Vaporizing liquid	Smothering	Only	Yes	Yes	Pump by hand	20—30 ft.	After use	None required to -50° F.
Carbon dioxide	Smothering	Surface	Yes	Yes	Open valve at top	3—6 ft.	After use	None required
Dry Compound	Smothering	Fires	Yes	Yes	Open valve at top	8—12 ft.	After use	None required

Source: National Fire Protection Association

WHEN FIRE STRIKES . . .

In camp buildings it is imperative that prompt warning be given at the first sign of fire.

Many lives could be saved and injuries prevented if occupants of these buildings were given a fair chance to escape.

Remember — most deaths from fire occur at night without the victims knowing the fire existed.



...Install Automatic **FYR-LARMS**

These low cost—fool-proof fire detectors "Scream Out" a 10 minute, 95 decibel warning whistle.

- EASILY INSTALLED
- COMPLETELY AUTOMATIC
- GUARANTEED FOR LIFE
- TESTED AND LISTED BY UNDERWRITER'S LAB., INC.



FYR-LARM CO., INC.

240 Broad St., Summit, N. J.

HEALTH AND SAFETY

HEALTH

PRE-CAMP EXAMINATION

1. Scope and Time
 - a. Both campers and staff included.
 - b. One or two weeks prior to departure for camp.
2. Purpose
 - a. Determine camper's physical fitness for camp.
 - b. Protection for camper, family and camp.
3. Includes
 - a. Routine physical examination by M. D.
 - b. History of contagious diseases camper has had or been exposed to recently.
 - c. History of any disease such as rheumatic fever, nephritis, epilepsy and enuresis.
 - d. Specific information as to any medication camper routinely takes, or any desensitization shots for hay fever, etc.
 - e. Specific information as to any foods or serums to which camper actually is allergic.
 - f. Immunizations
 - Tetanus, should be a must
 - Typhoid, very important
 - Small pox, diphtheria, also whooping cough.
4. Records
 - a. Application form should include signed authority by parents giving camp doctor permission to use his discretion in care of a camper during an emergency pending:
 1. Arrival of a physician designated by the parents.
 2. Removal of the camper to a hospital specified by the parents.
 - b. All medical and surgical treatments recorded and signed by the doctor or nurse. Records filed.

PERSONNEL

1. Physician
 - a. Live at camp or in close proximity.
 - b. Licensed in state in which camp is located.
 - c. Should have some pediatric training or experience.
2. Nurse
 - a. Essential if there is not a resident M. D.
 - b. Registered in state in which camp is located.
 - c. Experienced in school work and/or Public Health work.
3. Dietitian
 - a. Resident institutional dietitian or a consulting dietitian.

EQUIPMENT

1. Camp Infirmary
 - a. Tent, building or isolated room used exclusively for this purpose.

- b. Privacy and quiet.
- c. Isolation unit for campers who have or are suspected of having communicable disease.

2. Medicine and Supplies
 - a. As deemed necessary by doctor.
 - b. First aid equipment and supplies available to all competent to use.
 - c. Other medication used only by camp nurse or doctor.
3. Transportation
 - a. Specific vehicle available at all times in camp for emergency use.
 - b. Location of nearest hospital and best route known by all staff personnel, and arrangements for emergency care made with hospital prior to camp opening.
4. Records
 - a. Application form should include signed authority by parents giving camp doctor permission to use his discretion in care of a camper during an emergency pending:
 1. Arrival of a physician designated by the parents.
 2. Removal of the camper to a hospital specified by the parents.
 - b. All medical and surgical treatments recorded and signed by the doctor or nurse. Records filed.

CAMP PROGRAM RELATED TO HEALTH OF CAMPERS

1. Physical
 - a. Avoid undue fatigue and overstrain.
 - b. Rest period of at least one hour following noon meal.
 - c. Competition involving muscular co-ordination between teams or individuals carefully graded on ability and not chronological age.
 - d. Tempo of camp program adjusted to entire group.
2. Mental
 - a. Each camper accepted by other campers in his group or team for feeling of security and happiness.
3. Personal Hygiene
 - a. Observe usual standards of bathing, brushing teeth, and washing hands prior to meals.

Health and Safety

SAFETY

EQUIPMENT AND TOOLS

1. Supervision and instruction in use of all sports, craft, and other equipment and tools should be provided both during scheduled and free periods.

SWIMMING AND WATERFRONT ACTIVITIES

1. Supervised by person holding American Red Cross Instructor's Certificate.
 - a. Junior or Senior Life Saver for each 10 persons in swimming at any one time.
2. Boats or canoes of any sort used only on permission from counselor in charge. (Applies to all campers, staff and visitors.)
3. Standard Life Saving Equipment for all boats, docks and pools.

FIRE PROTECTION

1. At Camp
 - a. Water pressure system, hoses and connections inspected.
 - b. Extinguishers inspected.
 - c. Fireplaces and chimneys inspected.
 - d. Electric equipment and wiring inspected. Campers not allowed to make changes.
 - e. Prior arrangements with nearest fire fighting unit for assistance in an emergency.
2. National Forests
 - a. Observe all Forest Service rules for campfires, incinerators, etc.

HAZARDS

1. Buildings, equipment kept in repair.
2. Loose stones, logs, etc., removed from playground area and trails.
3. Open pits marked or filled.
4. Ground lighted at night along paths to toilets and dock area.
5. Campers and staff taught to recognize and avoid poisonous plants, animals and insects.

ACCIDENT REPORTS

1. Standard form adopted; data filled in by camp doctor or nurse, counselor in direct charge of the camper at time accident occurred and comment, if any, by camper involved.
2. Analyzed periodically to prevent similar accidents.

Source: Frank S. Wissmath, M.D., based on ACA Standards.



MODERNIZE your camp with Jacuzzi "AUTOMATIC WATER"

Now with Jacuzzi's new automatic jet pumps, any camp can have dependable water service at low cost. Plenty of extra pressure, too, for added fire protection.

SAVE ON REPAIRS

Jacuzzi jets have only one moving part—and it's above ground . . . no complicated mechanism out of reach to cause trouble.

Jacuzzi jets are self-priming. For wells to 300 feet, only jet pumps made that reprime themselves automatically if power fails or if air enters pumping line or if water level drops.

CUT OPERATING COSTS

You save money on power, too, because Jacuzzi jets provide more water than similarly rated pumps.

Wide range of models to suit your exact needs most economically.



Get the facts!

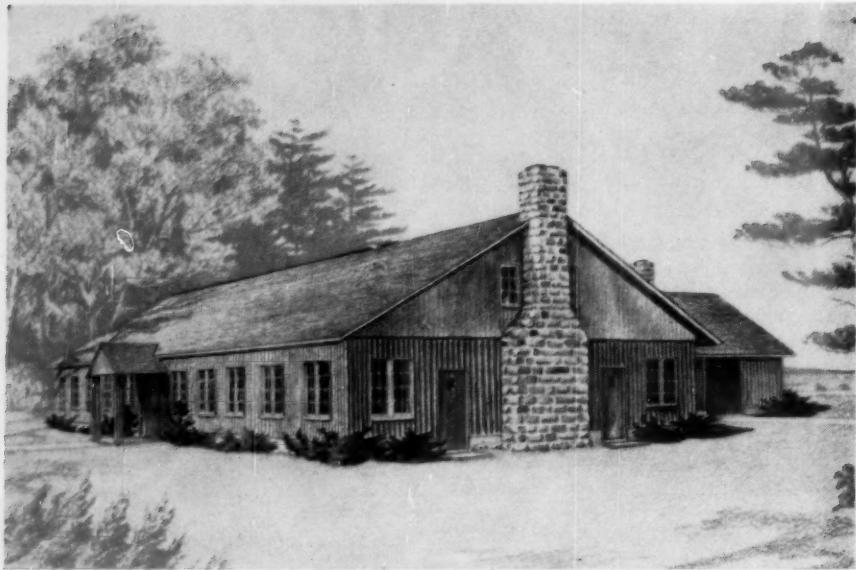
Write nearest factory branch for free bulletins. Dealers nationwide.

Be Choosey . . .
Buy Jacuzzi!

JACUZZI BROS. INC.

Jacuzzi Ave., Richmond, California
4100 Bayless Ave., St. Louis 23, Mo.
Upper Court Street, Binghamton, N.Y.

Originator and nation's largest maker
of jet pumps



Brownlee Factory Engineered CAMP BUILDINGS

GO UP . . . FAST. Rigid, factory built wall panels, with doors and windows installed, handsome natural log exteriors, can be erected with camp labor . . . save costs . . . meet your building deadlines.

STAND UP . . . to wear and weather. Universal engineering results in longer life, lower initial cost, less maintenance. Brownlee buildings take more hard usage . . . look better, season after season.

MEASURE UP . . . to camper demands for rugged and rustic "frontier style" quarters with real "boy appeal" . . . provide log-cabin-living with modern conveniences and health protection.

And that's just part of what Brownlee sectional camp construction will do for you. Learn more about these economical, time tested camp buildings. Write for brochure to:

UNIVERSAL HOMES, INC.

3502 GUARDIAN BUILDING
DETROIT 26, MICHIGAN



CAMP FACILITY CHECKLIST

I. Ownership

1. Do you have clear title to the property?
2. Are there any easements or rights-of-way through the property?
3. Are there any unrecorded encroachments or easements on the property?
4. Have the boundaries been surveyed and marked?
5. Do you have a surveyors' map or plan of the property?

II. Site

1. Are the facilities arranged to serve well their various functions?
Is the arrangement attractive and pleasing to look at?
2. Are all parts of the site being used to good advantage? Are there unused areas which should be developed?
3. Are there unsolved problems of erosion control, forestation, clearing, flood and fire control?
4. Are all structures and facilities being used to the best advantage? Are any of these capable of expansion or conversion to additional use such as winter camping?

III. Utilities

A. Roads

1. Are the camp roads passable and in good condition?
Check surface culverts and drainage ditches. Note—driveway should be clear of weeds and surface crowned so that water will run off easily. Ditches should be clear of leaves, rubbish and other obstructions.
2. Are roads wide enough to permit passing or are frequent turnouts provided?

B. Parking Area

1. Is it easy to park cars in this area or are there obstructions such as trees and boulders?
2. Is the size of the area adequate to accommodate cars and buses that may be expected on visiting days and on the days of campers' arrival and departure?
3. Are toilets for men and women visitors nearby?

C. Gates and Fences

1. Is there a main gate at the entrance on the public road that can be closed to insure privacy?
2. Is there a secondary gate between the parking area and the service roads to kitchen, storerooms, etc?
3. Is the camp site fenced to define boundaries and to discourage trespassers?
4. Are boundaries posted against hunting and trespassing and has the posting been done in accordance with your state laws?

D. Electric Lines

1. Is the electric power line on the camp site in good condition? Check poles and wiring.
2. Are connecting wires large enough to insure ample supply of current?

E. Water System

1. Is the well, spring, stream or other source of water of sufficient capacity to meet all the camp's needs?
2. Is the capacity of the pump sufficient so that water shortages do not occur?
3. Is the capacity of the water storage facility sufficient for regular and emergency use?
4. Is this storage facility, pressure tank, elevated tank or reservoir, the best type for your needs?
5. Are these storage facilities cleaned at regular intervals?
6. If there is a chlorinator, is it in good operating condition?
7. Is the water distribution system carried to—
 - a. the dining hall?
 - b. the unit wash house and latrines?
 - c. the infirmary?
 - d. the shower house?
8. Are pipes of ample size to insure good pressure and a plentiful supply to all of the outlets?
9. Are there drinking fountains throughout the camp?

F. Sewage Disposal

1. Are the ultimate methods of sewage disposal — septic tank and tile field, cesspool or Imhoff tank and filter —

Camp Facility Check List — (Continued)

- of the type most suitable for your campsite?
2. Were the septic tanks, cesspools and grease pits cleaned recently?
3. Is this job done at regular intervals? if so, how often?
4. Are the ultimate disposal facilities of adequate capacity?
5. Are pit privies, chemical vaults or flush toilets in good condition and cleaned frequently?
- G. Waste Disposal
1. Is garbage buried, burned, or hauled away and is the method used entirely satisfactory?
 2. Is ultimate disposal made under sanitary conditions?
 3. Are you using the safest method possible for disposing of combustible rubbish?
 4. Are tin cans and other items of in-combustible rubbish disposed of by safe and sanitary methods?
 5. If an incinerator is used, is it of adequate capacity and is there a plentiful fuel supply?

IV. Structures

1. How many buildings are in the camp? (Count each structure under a separate roof as a building.)

A. Foundation

1. Are foundations free from cracks or other structural defects?

2. In buildings with cellars, are they dry or is there evidence of leakage or excessive condensation?

B. Sills and Floor Joists

1. Are these in good condition?
2. Is there evidence of decay or termite damage?

C. Walls and Siding

1. Are these in good condition?
2. Is the exterior finish of buildings a paint, stain, or other material best suited to your camp's environment?
3. How often is repainting done?

D. Roofing

1. Is the type of roofing used—asbestos, asphalt, or wood shingles, roll roofing, or other—best for your camp's buildings and their locale?
2. Is there evidence of leaky roofs or worn out shingles?
3. Are chimney flashings, valleys, gutters and downspouts in good condition?
4. Are gutters and downspouts free of leaves or other obstructions?

E. Windows and Doors

1. Do windows have wood or metal sash?
2. Are they painted regularly and kept in good working condition?
3. Is putty around panes of glass in good condition?
4. Do windows, doors and screens fit well and operate easily?

Log Cabins

Are Charmingly Rustic!

Year 'round Homes, Lodges, Clubs, Motels, etc. when made of Northern White Cedar last for CENTURIES, are easy to erect, insect proof, frost free, need no insulation. Ours are "pre-cut" — your plans or ours — with exterior doors and windows assembled. Descriptive folder and plans FREE. Dealer Inquiries Invited.

Ward Cabin Co.

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For handsome dividends

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Invest Today

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"Solves your water pipe problems for good"

Are you fed up with corroded pipes, costly repairs, hard work? Then say goodbye to cold-water plumbing troubles.

Yardley *ClearStream* is a special pipe for — COTTAGES — CAMPS — RESORTS

Hard water, part-time use, freezing and thawing is rough on metal pipe. That's why everywhere out-of-doors, the swing is to Yardley ClearStream—the quality plastic pipe made from specially-processed material.

Advantages include:

LONG LIFE—won't rot, rust or corrode. Thousands of installations in the fifth year of trouble-free service.

MORE WATER — delivers 25% greater volume than steel for the same head loss.



LIGHT WEIGHT — 100 feet of 1" ClearStream weighs less than 20 lbs. — $\frac{1}{8}$ as much as steel.

There's a type of ClearStream, flexible or rigid in all sizes, for every cold-water use. Full line of fittings that require no threading or special tools.

Make sure that you get ClearStream—with the branded name on every length. Guarantee includes 100% virgin material, full weight and wall thickness meeting Approved Standards for the industry.

YARDLEY PLASTICS CO.
142 Parsons Ave.
In Canada: Daymond Co. Ltd., Chatham, Ontario

Install it yourself—QUICK!



Longer lengths, fewer fittings, faster lay-up save up to 60% labor time. Just uncoil in shallow trench, connect, cover and the job is done.

Camp Facility Check List — (Continued)

F. Floors

1. Are the floors in good condition?
2. Are they regularly sealed, waxed, varnished or oiled?

G. Screens and Screen Doors

1. Are the frames and wire in good condition?
2. Are the doors equipped with closers or springs and are latches in good condition?

H. Doors

1. Are doors painted or stained?
2. Are lock sets and hinges in good condition?
3. Do any doors sag or bind?

I. Shutters

1. If shutters are used for closing buildings in winter, are they in good condition?
2. Can they be fastened securely?

J. Stairs and Steps

1. Are all stairways in good condition?
2. Do exterior stairs of more than four steps have hand and guard rails?

K. Chimneys

1. Do all chimneys have fire-clay lining?
2. Are chimneys free of soot accumulations?
3. Are fireplaces equipped with cast-iron dampers?
4. Are frequent checks made of fireplaces for loose mortar and cracked bricks?

L. Winter Use

1. Are buildings used for winter camping insulated and are they equipped with heating stoves as well as fireplaces?
2. In those parts of the country where winter conditions are severe, is there an indoor kitchen?
3. Is there a source of drinking water for winter use?
4. Are winter-use toilet facilities provided?
5. Does the camp have or should it have snow removal equipment?

M. Camp Kitchen

1. Does the kitchen have complete and modern equipment?
2. Is the range of institutional type?
3. Is the fuel you are using of the most economical and efficient type for your camp?
4. Is there a cook's work table?
5. Is there a cook's lavatory and toilet within the building?
6. Is counter and kitchen space adequate to accommodate all kitchen equipment?
7. Is there a restaurant-type pot sink, a vegetable preparation sink and a sink where dishwater may be obtained?
8. Is the hot water storage tank of adequate size?
9. Is there a means of producing water at over 170 degrees for dish sanitization?
10. If dishwashing machines are used, are manufacturer's operating instructions carefully followed?
11. Is the kitchen separated completely from the dining space so that kitchen odors, noise and heat may not enter the dining room?
12. Is there a separate serving space and serving counter in the kitchen wing so that camper-waiters will not have to enter the kitchen proper?
13. Are refrigeration facilities adequate?
14. Is there a separate refrigerator in the kitchen for the use of the cooks and a walk-in box for longer term storage?
15. Does the camp have a frozen food locker?
16. Are kitchen and dining rooms light and airy so that artificial light does not normally have to be used at any time during the day?
17. Are kitchen waste lines attached to a grease trap?

N. Sleeping Quarters

1. Are cabins or tents in good condition?
2. Are tent platforms painted or stained and are all floors free of cracks, splinters and broken boards?
3. Are platforms pitched to drain in winter?
4. Are tents or cabins grouped in units well separated from one another?

- O. Bathing and Laundry
1. Does the camp have sufficient hot water shower facilities?
2. Is adequate laundry equipment or outside service provided for the staff and campers?

V. Water Front

1. Is the swimming area attractive and free from all hazards?
2. If the camp has a swim dock, is it of an approved type?
3. Is there a boathouse or other facility for storing craft and waterfront equipment when not in use during the season?
4. If a swimming pool is used, is it fenced in?
5. Are its filters and recirculators in good operating condition?
6. If swim area is an artificial lake is there a constant flow of fresh water over the dam?
7. Is the swimming area clearly divided to provide safe and adequate space for campers of all abilities?

VI. Storage

1. Does the camp have a storage build-

- ing and garage?
2. Are these and other maintenance facilities located in a secluded area?
3. Is there a dry storage room for equipment subject to dampness and rust?
4. Are rat-proof storerooms for tents and mattresses provided?
5. Is there a boathouse or storage space for boats, canoes and other aquatic equipment when camp is closed?
6. Are safe storage facilities adequate for all equipment?

VII. Maintenance

1. Does the camp own a truck, tractor or power saw?
2. What maintenance tools and supplies are or should be provided for the use of the camp caretaker?
3. Where are these stored and who is responsible for keeping them in good condition?

Source: Material developed by Julian H. Salomon and others for the Girl Scouts of the U.S.A.

NEEDED CAMP FACILITIES

Item	Number Required
Showers	1 to every 8 campers
Toilets	1 to every 10 campers, no farther than 150' from any living unit.
Infirmary beds	1 to every 16 campers
Water supply	50 gallons per day per person where flush toilets are used, 30 gallons per day per person where pit privies are used, plus a full day's supply in storage at all times.
Swimming pools	27 sq. ft. of surface per swimmer
Kitchen storage, etc.	½ to ½ size of dining room
Size of campsite	1 acre per camper. (This area may vary considerably depending on location. Camps adjoining large public area, such as state or national forests, will not require as much acreage as those in agricultural areas or near cities. Possible growth of suburban communities and future expansion of camp should also be considered when determining size of campsite.)

**add
this
team
to
your
staff**

**for the good
of your camp**



**Camp-Guard
Insurance**

**Your Local
Insurance Man**

CAMP-GUARD INSURANCE: because it will help pay the inevitable, costly medical bills of your campers and staff, whether yours is an organization, church or private camp. CAMP-GUARD plans pay:

- physicians', surgeons', and nurses' bills
- hospital room and board plus other medical bills
- benefits for polio treatment and accidental death and dismemberment.

YOUR LOCAL INSURANCE MAN: because he can help you select the CAMP-GUARD plan that's best for your camp. And, with Continental, he will be able to provide Personalized Service. May we suggest you contact your local agent for information about CAMP-GUARD as soon as you begin planning for the coming camp season.

Continental

CASUALTY COMPANY

Summer Camp Dept.
310 So. Michigan Ave.
Chicago, Ill.

member of American Camping Association

INSURANCE GUIDE

This insurance "guide" is intended to apprise Camp Directors of the various types of protection available, with brief descriptions of coverages afforded under each. There are exclusions in every policy, as well as coverages, in addition to those described. These exclusions particularly should be discussed thoroughly with your Insurance Counsel, prior to the purchase of any policy.

No effort is made here to list types of insurance in order of their importance. The value of one kind of protection against another depends on the particular situation of each camp involved. In some states, for instance, laws prohibit suit against a non-profit organization and, in such states non-profit church camps would have limited need for Comprehensive Liability Coverage. Therefore, we have attempted to acquaint the camp director with the names of the various types of insurance available to him together with a resume of the coverage under each type and special considerations which differentiate specialized camp insurance from other types of business operations.

On the chart following appear types of insurance which are generally regard-

ed as being of primary importance and are those which are more frequently felt necessary by the camp. Several other types of coverage which are not of primary importance but which are also available are:

Inn-keepers Legal Liability — Some state laws classify camps in a category with Hotels and Inns. This policy covers the Camps' Liability under the law for the property of guests. Your attorney should determine your responsibility in your own state.

Money & Security Policy or Bond — Covers the loss of money from all risks, including dishonesty of employees.

Personal Effects Policy on Campers — Covers all loss of property of campers while at camp. Sometimes the camp feels a moral obligation to purchase on behalf of the campers individual Personal Effects Floater Policies to cover loss or damage to property or equipment which the camper might bring to camp. However, normally the type of loss which a camper has at camp is covered by insurance carried by parents.

Boiler Insurance — Covering the risk of explosion of pressure vessels. Usually covers the replacement of the value of

Play Safe!

USE EDUCATORS colorful Safety Posters around your camp. They put over safety ideas with a chuckle—in the language children understand. Write for a free supply today.

USE EDUCATORS MEDICAL EXPENSE Insurance to maintain public relations. We pay for sicknesses, accidents, polio, accidental death, travel disabilities. FEE-REFUND Plans are also available . . . Write—

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1522 Cherry St.

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representing

Educators Mutual Insurance Company
Lancaster, Pa.



FREE! NEW type of Safety Posters! Write for yours.



The
TUITION REFUND
Plan
 in use in
300 SCHOOLS & COLLEGES
 is now available to

PRIVATE DAY CAMPS
 (minimum enrollment 50)

The PLAN
 that assures your income
 but costs you nothing

The PLAN
 with a 25 year record

*Write to us for complete
 information*

A. W. G. D EWAR
 INCORPORATED
 141 Milk St., Boston 9, Mass.
 Member of
 AMERICAN CAMPING ASSOCIATION

the boiler at the time of loss and also the damage to other camp property resulting from the explosion.

Remember-
Only you can
PREVENT
FOREST FIRES!



Non-occupational Disability Coverage (DBL)—This Insurance is compulsory for most camps located in the states of N. Y., Calif., N. J. and R. I. It pays benefits for time lost through non-occupational accidents and sickness.

Ice and Snow Collapse Insurance — Protects the camp against loss resulting from the collapse of buildings due to the action of ice and snow.

Special care should be taken by every camp operator to determine, prior to the purchase of an insurance policy, whether the company in which the policy is written is reputable and legally qualified to transact business in the state in which the camp is located.

Prepared by—Higham, Neilson, Whitridge and Reid, Inc.

Special
Camp Insurance Chart
 begins on
 Page 54

for fast service on claims . . .



choose

H.N.W.&R...

the

INDEPENDENT

insurance

firm !

Yes, HNW&R settles your claims promptly . . . because HNW&R settles your claims direct.

And, because HNW&R is both nationwide and independent, HNW&R can develop an insurance program for your needs based on the best plan available in each of the categories where you need protection.

Choose HNW&R . . . for any or all of the following coverages:

- Accident & Sickness Medical Reimbursement
- Tuition Refund • Comprehensive Liability
- Fire • Theft • Compensation • Use & Occupancy
- Personal Effects • Others

Higham, Neilson, Whitridge & Reid, Inc. *HNWR*

Leading the Nation in Camp Insurance

MEMBER: AMERICAN CAMPING ASSOCIATION

Philadelphia • Boston • Nashville • Chicago • Los Angeles



TYPE OF INSURANCE**FIRE PROPERTY DAMAGE****PROTECTION**

Destruction or damage of property by fire and lightning.

EXTENDED COVERAGE

Destruction or damage of property by wind-storm, hail, explosion (other than steam boiler), riot, civil commotion, automobile and aircraft damage, smudge damage, vandalism, malicious mischief.

**FIRE USE AND OCCUPANCY
(Business Interruption)**

Property damage Fire Insurance covers direct physical loss. Use and Occupancy insures loss of earnings caused by being unable to use property as a result of its destruction or damage by fire and lightning. (Extended Coverage available to cover additional perils of destruction or damage as per explanation of perils above.)

COMPREHENSIVE LIABILITY

Protects camp for its legal liability for injury or sickness of campers and public and damage to property of others arising out of its operation.

**you drive STRAIGHT
down the Fairway**

when you buy CAMPERS'
INSURANCE from the firm that
PIONEERED this indispensable coverage.

Theirs, the best available, has given hundreds
of thousands of campers protection for:

- Polio Protection
- Tuition Refund
- Medical Reimbursement
- Dismemberment
- Epidemic
- Accidental Death

THE SIGN OF GOOD SERVICE

VERMONT
ACCIDENT INSURANCE
COMPANY
RUTLAND, VT.
ESTABLISHED 1894

BEST IN
COVERAGE

BEST IN
SERVICE

Members American Camping Association

PREMIUM BASIS

Construction and occupancy of buildings
Value of buildings and contents
Term of policy

Same as Fire Property Damage

Fire insurance rate of buildings
Amount of earnings to be insured

Number of campers
Number of days camp operates
Number of canoes, boats, saddle animals, nurses or doctors
Individual camp's experience

SPECIAL CONSIDERATIONS AFFECTING CAMPS

- Two bases of coverage normally used:
1. Policy insuring all property for one blanket amount.
2. Policy listing all buildings and contents by individual valuation.

Plan best suited to camp risk must be determined by insurance counsel.

Written as endorsement to Fire policy. Deductible applied to windstorm losses in certain sections of the country.

Policies may be written in most states on a special basis to cover the concentrated period of income earnings peculiar to camp operation.

Liability should always be written on a *Comprehensive* form to cover automatically *all* operations and exposures.



**protect
your
campers**

LET US PAY THE
MEDICAL BILLS FOR
YOUR CAMPERS!

A streamlined service designed
for your camp from wide
experience.
PROMPT, COURTEOUS at-
tention given all arrange-
ments and claims.

write for latest details

BROTHERHOOD MUTUAL LIFE INSURANCE COMPANY
230 EAST BERRY STREET FORT WAYNE 2, INDIANA

TYPE OF INSURANCE	PROTECTION
AUTOMOBILE AND TRUCK LIABILITY INSURANCE (Although the complete coverage for ownership and use of vehicles can be included in Comprehensive Liability policy, separate insurance is also available as follows:)	Protects the legal liability of the camp for injury to public (including campers) and for damage to property of others resulting from ownership, use, or hire of motor vehicles.
AUTOMOBILE AND TRUCK DIRECT DAMAGE	Protects camp for loss due to damage of owned vehicles from essentially all causes including collision.
WORKMEN'S COMPENSATION (Compulsory in most states)	Covers liability under State Laws for payment of lost time and medical expense for employees injured while performing their duties.
SPECIAL CAMP FLOATER	Protects camp against loss by Fire or Lightning, those perils enumerated under Extended Coverage above, theft, and damage while in transit to property such as boats and camp equipment not normally in any specific building or location.
THEFT INSURANCE	Covers loss by theft of camp property.
TUITION REFUND INSURANCE (Known as Camp Contractual Liability or Tuition Fees insurance)	Indemnifies camp for fees returned because of campers' withdrawals due to accident, illness, epidemic or fear of epidemic.
MEDICAL REIMBURSEMENT (Known also as Accident and Sickness insurance.)	Reimbursement to camp or parent for bills made necessary by medical treatment over and above that normally supplied by camp.

YOUR CAMP INSURANCE

plays a vital part in the success of your camp.
Careful study of the authoritative, objective material on these pages will enable you to buy the coverages you need wisely and economically.

PREMIUM BASIS

Description and use of each vehicle
Cost of hire of vehicles
Number of employees

SPECIAL CONSIDERATIONS AFFECTING CAMPS

Special extension of normal Automobile policy required. Return premium granted for periods of storage.

Description and use of each vehicle
Amount of deductible on collision portion

Same as above.

Amount of payroll
Policy issued on estimate, subject to audit at expiration
In some states individual camp's experience affects rating

Because camps often are located in states other than the resident states of the employees or owners, every policy should be written to cover the camp's liability under the laws of all states permitting private insurance.

Fire Insurance rate plus small loading for other perils

Advantageous particularly for camps with extensive trip activities.

Amount of insurance carried
Type of property to be insured

Policy should not be limited to Burglary which requires both "Visible means of forcible entry" and that the camp be closed for business.

Percentage of total gross fees
Individual camp's experience

Policy must be flexible to permit tailor-made contract for specific camps.

Number of campers
Number of weeks camp operates
Whether camp is private or agency
Individual camp's experience

Advantages of voluntary or compulsory (100% participation) plans should be discussed with insurance counsel.

If You Move . . .

The Postoffice Department does not forward copies of magazines which can not be delivered because of the addresses. This results each month in some readers of CAMPING MAGAZINE missing one or more issues, since it is impossible for either ACA or the publishers to stock many back issues.

If you are planning to move, please send both old and new addresses at least one month before you do so. ACA members should contact ACA, 343 S. Dearborn St., Chicago 4. Non-member subscribers should contact CAMPING MAGAZINE, 705 Park Avenue, Plainfield, N. J.

INFIRMARY SUPPLIES

Item	Size or Type	Quantity (for 20 Campers)
Adhesive Compresses	1 inch	1 large package
Gauze Pads	4 x 4 inches	1 package
Triangular Muslin Bandage	40 inch	8 or more
Absorbent Gauze Compresses	½ yard	Several packets
Tourniquet		2
Adhesive Tape	2 inch	1 roll
Antiseptic		1 ounce
Boric Acid	powder or crystal	1 ounce
Aspirin		1 bottle
Aromatic Spirits of Ammonia		1 ounce
Burn Ointment	1 ounce tubes	Several
Laxative		1 package or bottle
Rubbing Alcohol		1 bottle
Baking Soda		1 package
Absorbent Cotton		½ pound
Applicators		1 box
Tongue Depressors		5 dozen
Fracture Splints	Arm, leg, thigh	2 sets of each
Stretcher Poles		2 pairs
First Aid Kits	Small	1 for each trip

Tweezers, Clinical Thermometers, Paper Drinking Cups, Bar of Soap, Flashlight

CAPACITY OF TANKS

RECTANGULAR TANKS In Gallons Per Foot in Depth

Inside Length	Inside width						5'-0"	5'-6"	6'-0"
	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"			
2' 0"	29.92								
2' 6"	37.40	46.75							
3' 0"	44.88	56.10	67.32						
3' 6"	52.36	65.45	78.54	91.63					
4' 0"	59.84	74.80	89.76	104.72	119.68				
4' 6"	67.32	84.15	100.98	117.81	134.64	151.48			
5' 0"	74.80	93.50	112.20	130.90	149.61	168.31	187.01		
5' 6"	82.98	102.85	123.42	144.00	164.57	185.14	205.71	226.28	
6' 0"	89.76	112.20	134.64	157.09	179.53	201.97	224.41	246.85	269.29

ROUND TANKS In Gallons for Each Foot in Depth

Inside Diameter Ft. In.	Gallons One Foot in Depth	Inside Diameter Ft. In.	Gallons One Foot in Depth	Inside Diameter Ft. In.	Gallons One Foot in Depth
1 0	5.87	2 9	44.41	4 6	118.93
1 3	9.17	3 0	52.86	4 9	132.52
1 6	13.21	3 3	62.03	5 0	146.83
1 9	17.98	3 6	73.15	5 3	161.88
2 0	23.49	3 9	82.59	5 6	177.67
2 3	29.73	4 0	93.97	5 9	194.19
2 6	36.70	4 3	103.03	6 0	211.44

CALCULATING PAINT NEEDS

The quantity of paint needed for any job may be determined as follows:

1. Determine number of square feet to be covered by multiplying width of all walls by height, making deductions for areas of windows and doors. For roofs, figure over-all dimensions of the building by multiplying width by length, taking measurements to the outside of walls level with the wall plate where rafters rest, then add as follows:

$\frac{1}{2}$ pitch.....	42% to level area
$\frac{1}{4}$ pitch.....	20% to level area
$\frac{1}{8}$ pitch.....	12% to level area
$\frac{3}{8}$ pitch.....	25% to level area
$\frac{5}{8}$ pitch.....	60% to level area
$\frac{3}{4}$ pitch.....	80% to level area

2. Determine quantity of paint needed by applying appropriate coverage figure given below. These spreading capacity figures are all approximate, since surface porosity, application system, and other similar factors will have important bearing on amount of paint required.

FLAT WALL PAINT

Average spread per gal., one coat	450-500 sq. ft.
Drying time in hours	24-36

FLOOR AND DECK ENAMEL

Average spread per gal., one coat	450-500 sq. ft.
Drying time in hours	12-18

INTERIOR GLOSS

Average spread per gal., one coat	450-500 sq. ft.
Drying time in hours	24-36

PREPARED PAINT, EXTERIOR

Average spread per gal., one coat	500-600 sq. ft.
Drying time in hours	24-36

CREOSOTE STAIN

Average spread per gal., one coat	200-250 sq. ft.
Drying time in hours	18-24

SIZES OF COMMON NAILS

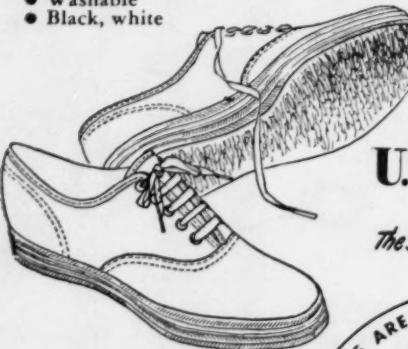
Size	Length	Diam. Head	Approx. No. to Lb.	8d	2 "	9/32 "	106
2d	1 inch	11/64 inch	876	16d	3½ "	11/32 "	49
3d	1¼ "	13/64 "	568	20d	4 "	13/32 "	31
4d	1½ "	1/4 "	316	30d	4½ "	7/16 "	24
5d	1¾ "	1/4 "	271	40d	5 "	15/32 "	18
6d	2 "	17/64 "	181	50d	5½ "	1/2 "	14
7d	2¼ "	17/64 "	161	60d	6 "	17/32 "	11

Sure Footing for Safe Fun!



CAGER

- Molded suction sole
- Extra-thick heel cushion
- Full-breathing duck uppers
- Ventilating pull-proof eyelets
- Washable
- Black, white



U.S. Keds®

The Shoes of Champions - They Wash

CHAMPION OXFORD

- Anti-slip crepe-type sole
- Duo-Life counter and bind
- Full-breathing duck uppers
- Pull-proof eyelets
- Washable
- White, blue, red, brown, faded blue denim



UNITED STATES RUBBER COMPANY • Rockefeller Center, N.Y.



CAMPER OUTFIT CHECKLIST

Do you make up a list of necessary and suggested camper equipment for your camp catalog? The following checklist will serve as a guide to help you make sure that your campers have all the equipment needed for a happy and carefree summer.

Necessary Equipment

- 1 heavy sweater, windbreaker or jacket
- 1 lightweight, sweater, long sleeves
- 1 cap or hat
- 1 pr. sneakers
- 2 prs. sturdy shoes
- 1 pr. rubbers or boots

- 1 poncho or raincoat
- 1 rainhat
- 2 prs. dungarees
- 1 pr. heavy slacks
- 3 prs. pajamas (1 warm)
- 1 pr. slippers
- 2 bathing suits
- 1 bathing cap
- 6 prs. washable shorts
- 8 cotton T shirts
- 2 white outfits for Sundays (if used)
- 12 prs. socks (cotton or wool, as indicated by camp location)
- 6 sets underwear

(Continued on next page)

"T" SHIRTS

Unbelievable but true . . .

\$5.50

per doz.
Youth Sizes

Finest White
Combed Yarn
. . . ideal for
all activities.

Send for
FREE sample.



RICHARD SMITH CORP.
217 Centre Street New York 13, N. Y.

**When You Buy
For Your Camp
Buy Wisely!**

Consult the advertisements in this issue, and the Buying Guide which follows the Reference Section.

The firms listed are experienced camp suppliers, who want to serve you well.



CASH'S WOVEN NAMES prevent mixups or loss of blankets, clothing and other equipment. Your name is actually woven into fine white cambric ribbon. Easily sewn on or attached with CASH'S NO-SO CEMENT. Washable and boil-proof.

6 Doz. . . . \$2.75

12 Doz. . . . \$3.75

24 Doz. . . . \$5.75

At notion counters everywhere. Write for samples.

Camp Directors—Ask about special service to camps.

Cash's

WOVEN NAMES

South Norwalk 18, Conn.

Outfit Checklist—(Cont'd)

1 bathrobe
1 or more belts
1 doz. handkerchiefs or box of tissues
2 laundry bags
4 dark wool blankets
4 single sheets
4 pillow cases
1 pillow
6 turkish towels, medium size
3 wash cloths
comb and brush
2 tooth brushes and paste
soap and container
nail file
small mirror
drinking cup (not collapsible)
flashlight and batteries

postage stamps (book-type)
stationery and pencils
cooking kit
Bible

Suggested Equipment

tennis racket
baseball glove
fishing tackle
camera
musical instruments
steel wool
canteen
riding boots and jodhpurs
camp diary
axe
pocket knife
sleeping bag

Camp—Sportswear

A circular illustration featuring a boy in a baseball cap and t-shirt holding a large fish. The t-shirt has 'CAMP O' PINES' and a campsite graphic. The background shows a lake and mountains. The text 'PEANANTS • EMBLEMS • STUFFED PETS • CAPS and HATS' is curved along the top edge of the circle.

for free Catalog
Write To

COLLEGIATE
MANUFACTURING
COMPANY
AMES IOWA

PROMOTION TECHNIQUES

The promotion techniques below are listed in order of their effectiveness as rated by a cross section group of camp directors.

WITH CAMPERS

1. Personal visits
2. Camp reunions
3. Personal letters
4. Camp movies
5. Camp newspaper
6. Birthday and special cards
7. Making prospects feel at home
8. Camp folder and/or catalogs
9. Arrange program that meets needs

10. Letters from old campers
11. Phone calls from director
12. Get-acquainted party
13. "T" shirts with camp name
14. Word of mouth promotion
15. Camp experience lives up to camper's logical expectations
16. Having campers line up their friends for next season

WITH PARENTS

1. Personal visits
2. Direct mail
3. Camp movies
4. Camp folder and/or catalogs

Swiss Embroidered Cloth Emblems are a Must for Any Camp

Looking back over 64 years and three generations of uninterrupted family tradition of successful Swiss embroidered emblem manufacturing we are now training the fourth generation to continue in the most glamorous craftsmanship ever to come to the United States.

There are innumerable uses for Swiss embroidered emblems starting with the insignia of your Camp and including all kinds of award and special occasion emblems and patches.

Our Swiss embroidered emblems are 100% washable and colorfast and always outlast the garments on which they are used. This ensures later use as a souvenir or as a collectors item.

We welcome your inquiries for Swiss embroidered emblems.

Our designers work your ideas into precise sketches and color them to illustrate our richly embroidered emblems. Excitingly beautiful embroidered emblems, wonderful courteous and speedy service and lower prices than you would dare expect have created for us the largest roster of loyal and satisfied customers in the camping trade.

A-B EMBLEM CORP.

519-523 30th STREET, UNION CITY, N. J.

TEL. UNION 4-1513



PROMOTION TECHNIQUES – *Continued*

5. Camp newspaper
6. Phone calls from director
7. Know parents as well as possible
8. Direct contact between parents and staff
9. Keep up year-round contact
10. Show special interest in each camper
11. Camp reunions

WITH ALUMNI

1. Camp newspaper
2. Personal contact and correspondence
3. Invitations to reunions
4. Invitations to camp during summer
5. Gifts to new babies



6. Encourage friendships through year
7. Camp folder and/or catalogs
8. Use as staff members
9. Maintain contact in college years
10. Letters on special days and events
11. Personal visits

WITH THE HOME COMMUNITY

1. Be active in social and civic groups
2. Work on community projects
3. Use newspaper, radio, and TV
4. Speak to groups and show pictures

5. Work with local youth groups
6. Be a member of ACA Section

WITH THE CAMP COMMUNITY

1. Cooperate in community projects
2. Educate campers and counselors to their responsibility to local community
3. Invite members of community into camp for special occasions
4. Conduct special song services in community
5. Purchase what is available in the community
6. Permit use of camp for community recreation and meetings
7. Belong to local Chamber of Commerce
8. Take part in competitive sports within the community
9. Participate in fairs, rodeos, etc.
10. Hire local personnel
11. Invite several members of community to final banquet
12. Send Christmas cards and/or gifts
13. Carry out improvement work on the physical plant of the camp all year.
14. Have friendly visits with local people
15. Participate in local soil-conservation projects
16. Attend local church occasionally

WITH OTHER CAMP DIRECTORS

1. Be sincerely friendly
2. Show desire and willingness to share experiences
3. Attend ACA and Section meetings
4. Take part in personal meetings and discussions with other directors
5. Take active part in camping workshops
6. Always boost, never knock.



HOW CAMPS SPEND THEIR MONEY

From the ACA Study of Camp Costs and Operations

How a Typical Private-Residential Camp Budget is Spent

<i>Use</i>	<i>Out of Every</i>	<i>Total Income</i>
Food	\$1.00	\$34,000
Counselor Salaries	21¢	\$ 7,140
Non-counselor Salaries	15¢	\$ 5,100
Maintenance & Improvements	11¢	\$ 3,740
Insurance	8¢	\$ 2,720
Taxes	4¢	\$ 1,360
Interest	2¢	\$ 680
Rent	2¢	\$ 680
Other Expenses	17¢	\$ 5,780
Total Expenses	82¢	\$27,880
Profit (generally includes owners' and operators' salaries)	18¢	\$ 6,120

How a Typical Private-Day Camp Budget is Spent

<i>Use</i>	<i>Out of Every</i>	<i>Total Income</i>
Food	\$1.00	\$34,000
Counselor Salaries	6¢	\$ 240
Non-counselor Salaries	22¢	\$ 880
Maintenance & Improvements	7¢	\$ 280
Insurance	5¢	\$ 200
Taxes	3¢	\$ 120
Interest	1¢	\$ 40
Rent	1¢	\$ 40
Other Expenses	6¢	\$ 240
Total Expenses	21¢	\$ 840
Profit (generally includes owners' and operators' salaries)	72¢	\$2,880

How a Typical Organization-Resident Camp Budget is Spent

<i>Use</i>	<i>Out of Every</i>	<i>Total Income</i>
Food	\$1.00	\$9,000
Counselor Salaries	33¢	\$2,970
Non-Counselor Salaries	16¢	\$1,440
Maintenance & Improvements	12¢	\$1,080
Insurance	12¢	\$1,080
Rent	4¢	\$ 360
Other Expenses	7¢	\$ 630
Total Expenses	17¢	\$1,530
Loss	\$1.01	\$9,090
	1¢	90¢

How a Typical Organizational-Day Camp Budget is Spent

<i>Use</i>	<i>Out of Every</i>	<i>Total Income</i>
Food	\$1.00	\$2,000
Counselor Salaries	16¢	\$ 320
Non-Counselor Salaries	41¢	\$ 820
Maintenance & Improvements	8¢	\$ 160
Insurance	7¢	\$ 140
Rent	5¢	\$ 100
Other Expenses	7¢	\$ 140
Total Expenses	32¢	\$ 640
Loss	\$1.16	\$2,320
	16¢	\$ 320

Copyright, Statistical & Research Dept., Higham, Neilson, Whitridge & Reid, Inc.

GENERAL PROGRAM EVALUATION

The programs of most camps have been developed to meet the needs and interests of special groups. The selection of organization and activity has been controlled by nature's geographical environment, financial limitation, or molded public opinion "of what should be." A program which evolves through this stress is often confused as the end in itself, rather than as a means for fulfillment of greater objectives. It is therefore fundamental in program evaluation to recognize objectives and program in their proper perspective and function.

The evaluation of program does not lend itself to comparison techniques or scoring systems. The multiple program patterns and activity offerings make it necessary to evaluate on a basis of self-analysis or critical thinking of a specialized program. It is

within this focus that the following questions have been formulated.

The Area of Program Planning

1. Does the camp staff discuss and develop a master program during the pre-camp counselor training course?
2. Does the camp staff relate its program to the basic objectives of camping as outlined by the American Camping Association?
3. Does the camp director consider the skill contribution as a factor when recruiting staff personnel?
4. Do administrators visit other camps and attend professional meetings to exchange program ideas?
5. Does the staff survey program opportunities within a reasonable range of camp (mines, fish hatcheries, lumber mills?)
6. Does the staff consider individual



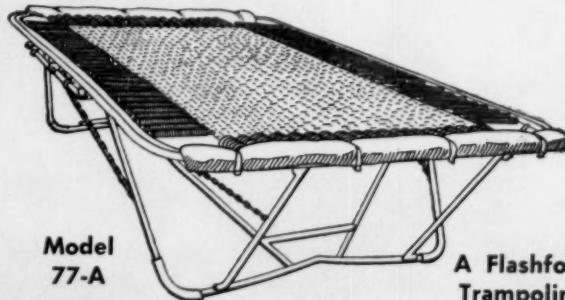
TRAMPOLINING

In Every Camp, They "Go" for the "Tramp."

There's bouncing fun anytime and competitive activity for your program, too, in Trampolining, a sport created by Nissen, originator and maker for 15 years of America's Original Standard Trampoline. Adult and junior models. Instant folding. Write for Free Literature.

America's Latest
Standard
TRAMPOLINE
Nissen 77-A

PARTS
ACCESSORIES
MINI-TRAMPS
INSTRUCTIONAL
FILMS - TEXTBOOK



Model
77-A

A Flashfold
Trampoline

NISSEN TRAMPOLINE — 200 A Ave NW - Cedar Rapids, Iowa



Drawings by Mary Meixner

needs and interests as solicited on camper application blanks?

7. Does the staff consider the factor of security which campers feel when re-experiencing good program from previous years?

8. Does the staff consider the value and importance of adding new program ideas for interest and variety?

9. Are opportunities provided for campers to plan program through councils, groups, government or suggestion box?

10. Are the abilities of the age groups carefully considered prior to program planning?

Program Organization And Administration

1. Are programs administered automatically in areas where the safety of the individual is at stake, as the waterfront or the rifle range?

2. Is the interest span of the age groups considered prior to the establishment of the length of activity periods?

3. Are opportunities provided for the camper to experience, learn, and practice the techniques of the democratic method?

4. Are loop holes provided in schedules for campers to have laissezfaire time for "hacking around?"

5. Are there some parts of the program required of everyone?

6. Are there some decisions in the program which each camper must make for himself?

7. Are there some mass or large-group efforts planned for the entire camp?

8. Is there an effort made for small-group organization in areas of special interest?

9. Are there some opportunities for individual effort or participation?

Program Activity Content

1. Are many opportunities provided for big-muscle activity (running, climbing, hiking, etc.)?

2. Are skills taught which are indigenous to the out-of-doors?

3. Are recreational skills taught which may be continued as an adult?

4. Are aesthetic appreciations captured relative to nature, art, music or dramatics?

5. Are opportunities provided for competition with oneself and with others?

6. Does the camp provide for efforts on a team basis?

7. Is the entire camp program a spiritual adventure revealing the pervading influence of God?

Program Evaluation

1. Does the staff continually evaluate program during the camp season?

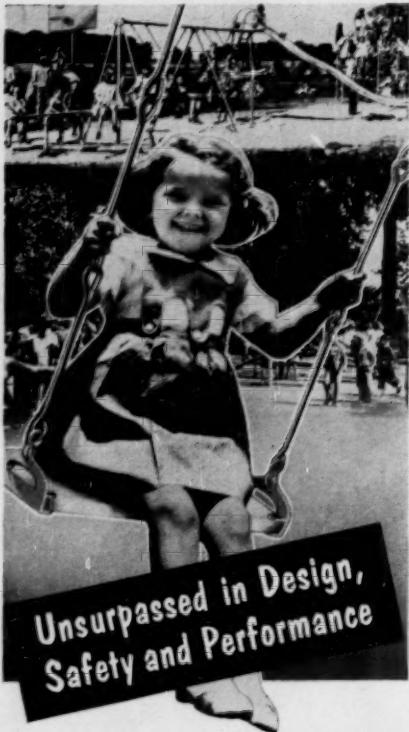
2. Does the staff hold a post-camp evaluation period?

3. Are parents' and campers' evaluations considered even though they may not be solicited?

And finally,
DOES THE CAMPER HAVE FUN?

Source: Don Bridgeman, Springfield College





AMERICAN *Approved* PLAYGROUND EQUIPMENT

Since 1911 the finest equipment built,
backed by lifetime guarantee against
defective materials and construction.

Write for Literature

AMERICAN
PLAYGROUND DEVICE CO.
ANDERSON, INDIANA, U.S.A.

WORLD'S LARGEST MANUFACTURERS OF FINE
PARK, PICNIC, PLAYGROUND, SWIMMING
POOL AND DRESSING ROOM EQUIPMENT

BRANCH PLANT AT NAHMA, MICHIGAN

Steps in

BUILDING STAFF

Formulate the aims of your camp

1. State broad objectives
2. Evaluate and reformulate frequently

Develop job specifications

1. Clear statement of qualities needed
2. Specific duties of the job

Have an established personnel policy

1. Should be in written form
2. Covering remuneration, living conditions, time off, job description, privileges, relationships, personal conduct, conditions for re-employment

Try to hold the best

1. Develop loyalty through "partnership"
2. Involve staff in reaching important decisions
3. Depend on staff for guidance and support
4. Share responsibilities with staff

Build for the future

1. From among the campers
2. Based on service, loyalty and personal interest

Recruit many and early

1. Have a wide field of candidates
2. Obtain significant and accurate information

Make careful selection

1. Follow references
2. Allow ample time for personal interview

Provide written statement of responsibilities

1. When to report
2. When paid and amount
3. Length of season
4. Time off
5. Personal equipment
6. Pre-camp responsibilities

Provide proper training

1. Through friendly correspondence before camp
2. Staff meetings in city, if possible
3. Minimum three days' in-camp training
4. Suggestions from all as to what they would like to see accomplished during the summer

Source: Wes Klusmann, Boy Scouts of America

SPORT SUPPLY INVENTORY

All supplies should be checked before the opening of camp to insure adequate equipment to carry out a successful sports program. Though campers may supply their own tennis racquets, air rifles or other similar equipment, camp directors should plan to provide extras.

General Equipment for All Sports

Tournament boards
Score cards
Revolver and blanks
Whistle
Official rule books
Stop watch
Measuring tape
First aid kit
Court marking machine
Lime
Court roller
Awards (if used)
Repair and cleaning supplies

Tennis

Racquets
Nets and standards
Balls

Softball

Bases and home plate
Mitts and gloves
Bats (several sizes)
Balls

Baseball

Bases and home plate
Mitts and gloves
Bats (several sizes)
Balls
Catcher's mask and chest protector

Basketball

Backboards
Rings
Nets
Basketballs (indoor and outdoor)

Volleyball

Nets and standards
Volleyballs

Badminton

Racquets
Nets and standards
Shuttlecocks

Table Tennis

Tables
Nets
Paddles
Balls

Horseshoes and Quoits

Horseshoes and stakes
Quoits and stakes

Riflery

Rifles, .22 caliber and/or air rifles
Targets
Ammunition
Mats
Telescopes
Slings
Gun rack
Loading blocks

Archery

Bows (several sizes and weights)
Arrows (several lengths)
Targets
Quivers
Arm guards
Finger guards
Ground quivers
Ground rack
Arrow box

Playground

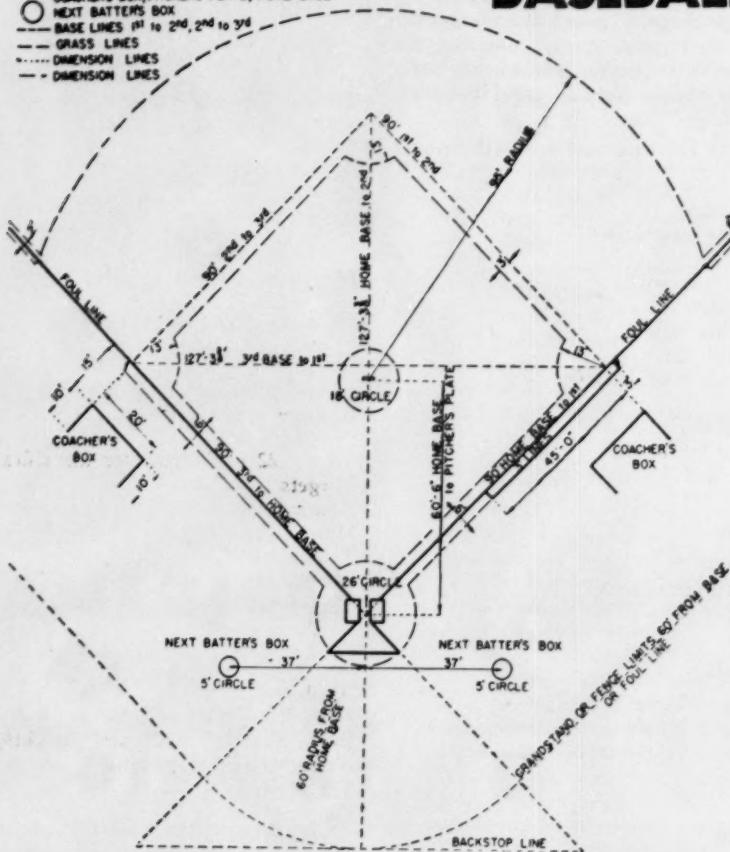
(Equipment for playgrounds should be scaled in size to age of campers)
Swings
Slides
Climbing devices
Horizontal ladder
Seesaws
Horizontal bars
Parallel bars

FIELD AND COURT SIZES

LEGEND

- BASE LINES, BATTERS BOX, CATCHER'S BOX, FOUL LINE
- COACHER'S BOX, PITCHERS PLATE, HOME BASE
- NEXT BATTER'S BOX
- BASE LINES 1st to 2nd, 2nd to 3rd
- GRASS LINES
- - DIMENSION LINES
- - - DIMENSION LINES

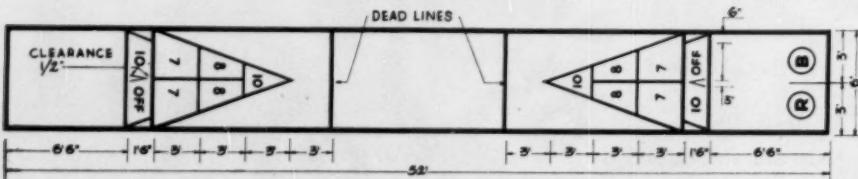
BASEBALL

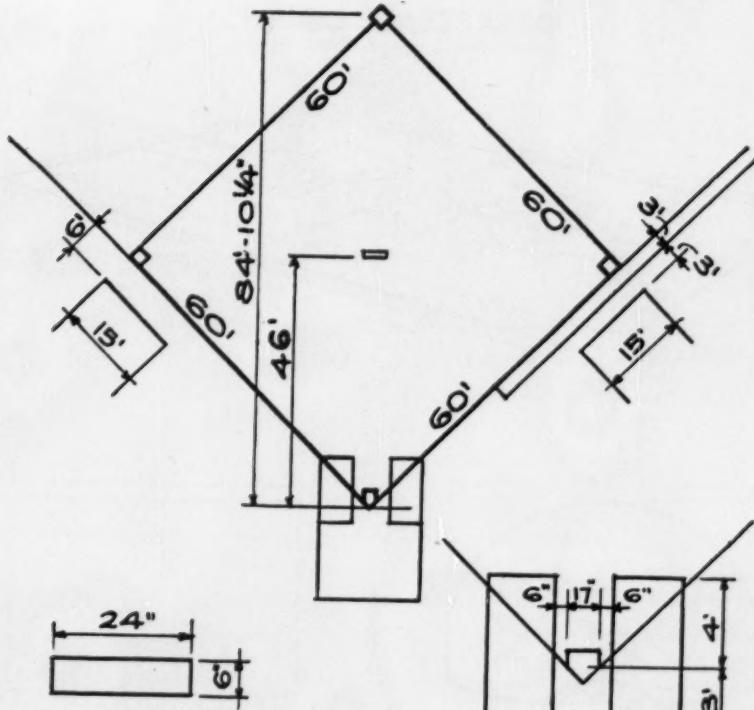


For boys under sixteen years of age measurements changed as follows: Distance between bases, 82 feet; home plate to second base,

115 feet, 11 1/2 inches; same distance across diamond from first to third bases; home plate to pitcher's plate, 50 feet.

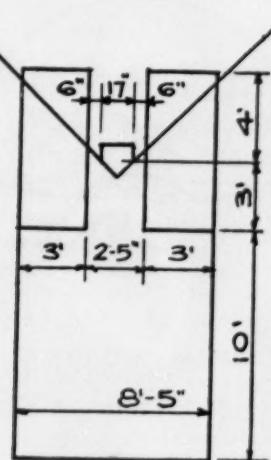
SHUFFLEBOARD



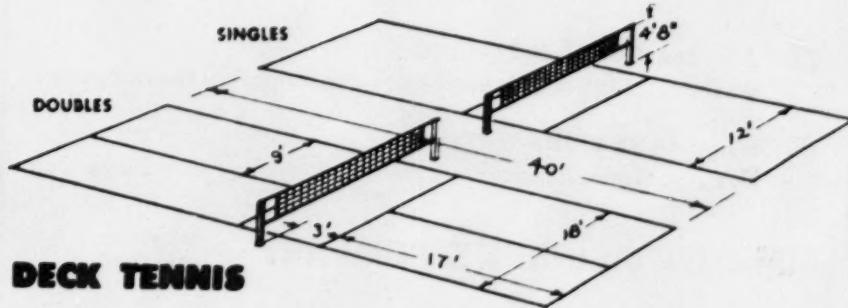


PITCHER'S PLATE

SOFT BALL FIELD

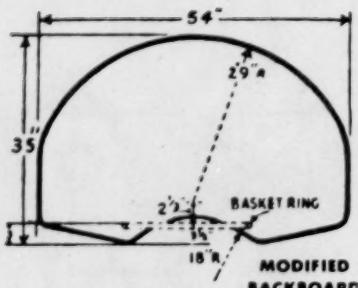
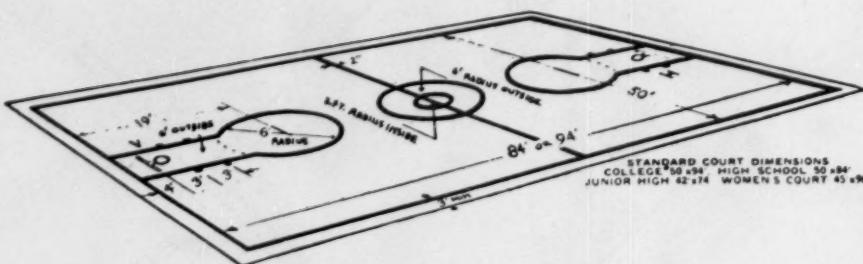


HOME PLATE



DECK TENNIS

BASKETBALL COURT



**FIRM...
FAST DRYING**

SIM-COTE

The Perfect COURT SURFACING . . .

No Dust No Glare Resilient Economical Easily Applied

Write for 14 REASONS WHY!

For . . . Tennis Badminton Handball Volley Ball Basket Ball

SIM-COTE PRODUCTS COMPANY

GRANVILLE
NEW YORK

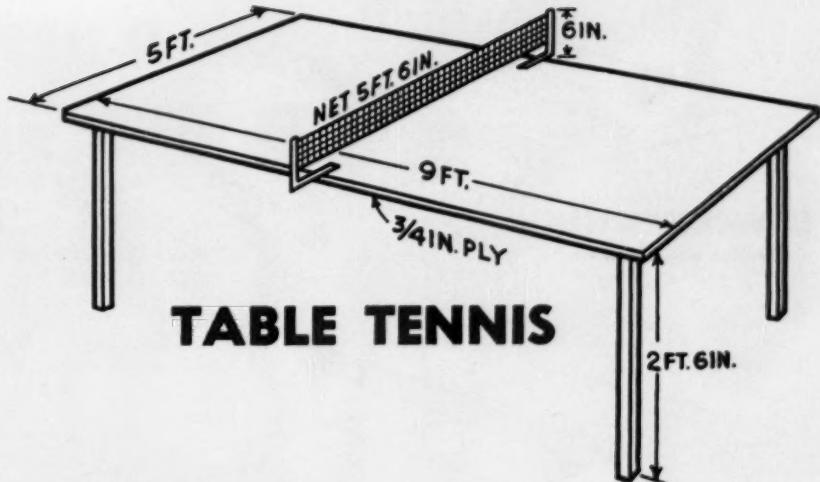
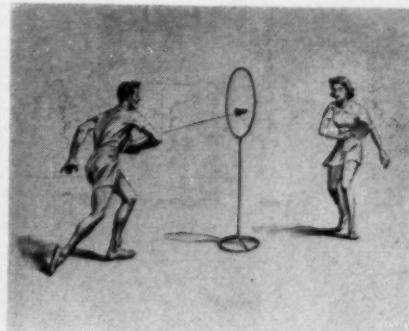


TABLE TENNIS



SHUTTLE - LOOP

Requires Little Space
It's Portable

Can Be Set Up in a Jiffy
Play Indoors or Out

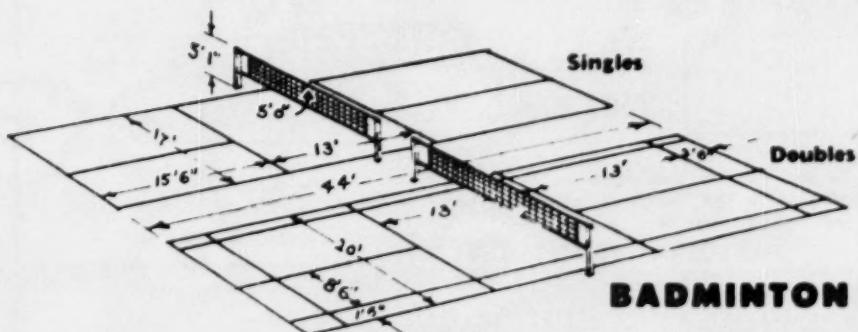
Safe for Youngsters
They Love It!

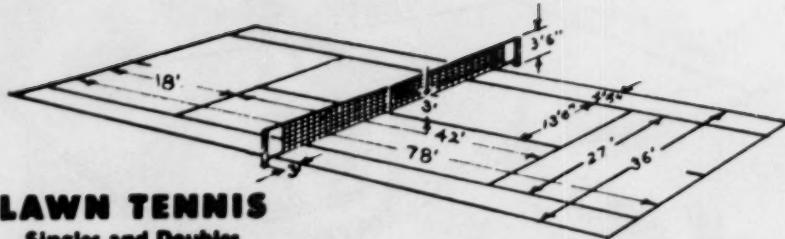
Excellent Pre-Training for
Tennis or Badminton

Per Set \$4.95 - F.O.B.-N.Y.C.

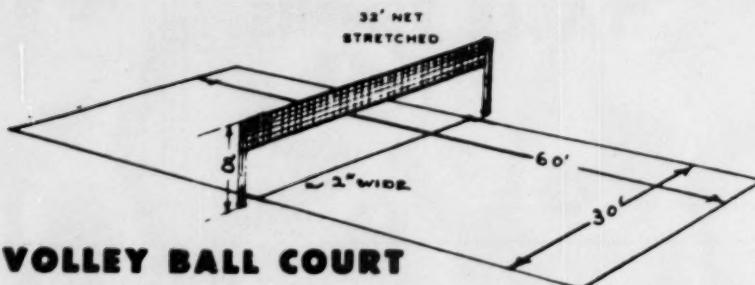
DUDLEY SPORTS 633 2nd Ave.
New York City

Mfrs. of Rubber and Leather covered
Baseballs and Softballs—Soft Baseballs
and Soft Softballs — Athletic Games.
Write for catalogue.





LAWN TENNIS
Singles and Doubles



VOLLEY BALL COURT



**Keep Your Play Areas
CLEAN and DUSTLESS with**



This Book
Tells How!



**CALCIUM
CHLORIDE**

To end all your dust problems, send for FREE BOOKLET, "End Dust". It gives full detailed information. Write to:



SOLVAY PROCESS DIVISION
Allied Chemical & Dye Corporation
61 Broadway, New York 6, N. Y.

- Easy to use!
- Low in cost!
- Colorless and odorless!
- Requires no special equipment or experience!

WATERFRONT EQUIPMENT

Every well-organized camp aquatic program must have a comprehensive equipment inventory. All equipment should be on hand at the opening of the camp. The following list includes the normal requirements of an average camp. All items listed have been found helpful in operating well-organized camp aquatic programs.

SWIMMING EQUIPMENT

Megaphones and whistles

Stop watches

Revolver and blank cartridges

Water polo balls

Check board and bulletin board

Hooks, checks, and oilcloth cover for check board

Specimen copies of certificates, emblems and pins which campers can earn by swimming progress (displayed on bulletin board)

Practice teaching and kicking rail, in each swimming area.

Kick boards

Turn boards in each swimming area
Life lines with appropriate floats (to mark swimming areas)

WATER SAFETY EQUIPMENT

Ring buoys (equipped with 60 ft. of $\frac{1}{4}$ inch rope)

Bamboo poles and shepherd's crooks (10 to 15 ft. long)

Can buoys

Heaving lines (60 ft. long, $\frac{1}{8}$ to $\frac{1}{4}$ in. rope, one end fastened into "monkey fist" knot)

Life boats, each equipped with

Anchor and line

Extra oars and oarlocks

Painter

Bailer

Ring buoy and line

10 ft. light bamboo pole

Lifeline, looped along gunwales

First aid kit, kept watertight

Lantern, for use after sunset

Light surfboards

Grappling irons



FAMILIAR?

Yes . . . scenes like this all over the country point to the tremendous increase in popularity of canoeing. Grumman Aluminum Canoes . . . safe, maintenance-free, the favorite of campers and camp owners everywhere are largely responsible.

There is a Grumman aluminum canoe or boat for every camping need. Get the *first and finest in aluminum watercraft . . . get GRUMMAN!*

For full information, write to:



METAL BOAT COMPANY, Dept. CM-55

Div. of Grumman Aircraft Engineering Corp. • Marathon, N. Y.

GRUMMAN Aluminum Canoes and Boats

Waterfront Equipment

- Water scope
Emergency first-aid room, equipped with a good first-aid kit
Lookout tower and seat
Swimming and water safety poster for bulletin board
Bell, gong or horn for alarm or signals

DIVING EQUIPMENT

- Diving boards (1 and 3 meter)
Cocoa matting

BOATING EQUIPMENT

- Boats of satisfactory type and number to meet the camp's needs

- Oar racks
Anchor and line
Extra oars and oarlocks
Painter
Bailer
Lantern
Scrub brush (for regular cleaning of boats)

CANOEING EQUIPMENT

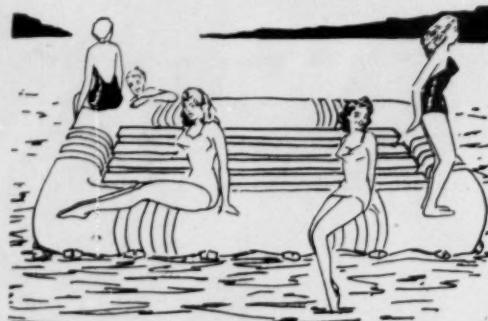
- (in addition to the canoes themselves)
Good paddles, in sufficient number
Kneeling cushions
Canoe racks
Canoe paddle racks

(Continued on page 78)

UNSINKABLE BALSA WOOD FLOATS FOR FRESH OR SALT WATER

Completely Assembled, Ready to Place on Water

Never Will You Buy Such Value For So Little Money!



25 person capacity, 10' x 5' x 12". Approx. 300 lbs. Gov't. surplus. Approx. Gov't. cost \$200. Limited quantity, order today.

ONLY \$30.00

40 person capacity, 12' x 7' x 15". Approx. 600 lbs. Approx. Gov't. cost \$400. A real buy at

ONLY \$32.50

Aboard ship, but never used.

Freight charges collect. Immediate Shipment.

ALL SIZE TENTS ON HAND

Write for free listing on all size electric generating plants

Send Check or Money Order to

ROCKAWAY SALES CO.

Box 55C

Route No. 46

Rockaway, New Jersey

Free Circular on War Surplus Bargains and Camping Equipment



Camp Owners and Directors!

COMPARE these ideal camp boat features — available for immediate delivery in all BB models —

Extra Safety — Designed for utmost stability — built-in floatation tanks make boats unsinkable.

Tremendous Strength — Molded by the famous BB process, "Everlasting Beetelite" is tremendously strong.

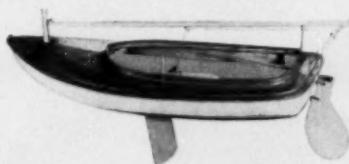
No Maintenance — This lifetime material is impervious to rot, rust, electrolysis, worms, fresh or salt water, intense sunlight or cold — can be stored outdoors year 'round without damage.

Never needs scraping, caulking, puttying, sanding, refastening or painting as a preservative.

100% Leakproof — BB Boats absorb no water, need no swelling, are *always ready* for immediate use.

Requiring no repair or maintenance, the first cost is practically the last.

← BB Tech Dinghy — Seats 4
Used by leading colleges and camps
from coast to coast



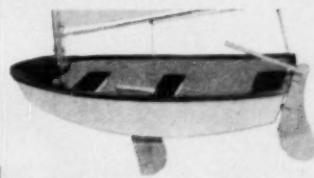
BB Swan 12'8" — Seats 4 adults



15' BB Relaxed
BB Flyer — 2 Cockpit



BB 8'3" Duck — Seats 4
Rowing Outboards
Also 10'3" BB Fisher — Seats 5



BB 3 in 1 all-purpose boat
8'3" BB Sailer — 10'3" BB Gull



Camp Proven from Coast to Coast
— Ask for details

Send for New Free 1955 Catalogue
of complete BB line —

World's Largest Molders of
One-Piece Fiberglas Boats

BEETLE BOAT CO. Inc., New Bedford, Mass.

Waterfront Equipment

Mosquito netting (when canoes are used for sleeping, on trips)
Sailing equipment (canoe sailing is difficult, but a fine art)

OFFICE INCIDENTALS

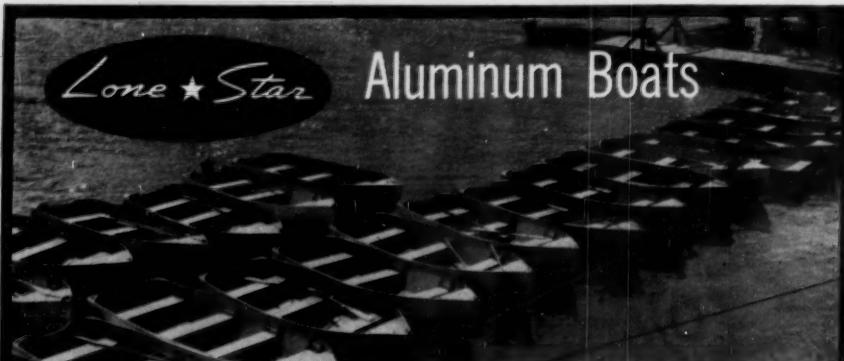
India ink and lettering pens
Large sheets of cardboard
Pencils and colored crayons
Thumb tacks and paper clips
Boxes of small stars
Balls of twine
Clip boards
Pads of paper
ARC Skill sheets and Examination Record sheets

Swimming, diving, lifesaving and water safety textbooks
Emblems and pins

REPAIR EQUIPMENT

Hammers, saws, axes, and other repair tools
Spikes, nails, tacks, and staples
Flags
Paint and paint brushes
Cocoa matting, rubber matting, and canvas
Diving board bolts and nuts
Lumber for repairs or construction
Silk or muslin cloth
Marine glue or waterproof cement

Source: "A Camp Aquatic Program", by Richard H. Bearse and Sidney C. Hazelton.



**Camp owners find maintenance-free
Lone Stars mean REAL profits.**



RIVIERA — Outboard 18-foot water ski boat; lightning starts; speeds of 30 mph!



TROJAN — Outboard 21-foot open cruiser for fishing or work parties. Carries 15 persons.

No expensive up-keep here — aluminum can't rust, rot, waterlog, or crack. Unaffected by marine life and weather, popular Lone Stars are always ready to go. Lightweight, designed for top performance, they get maximum efficiency from large or small motors. No wonder the roomy 14-foot COMMANDER is the fastest selling boat in America! Write for free catalog.

Lone Star Boat Manufacturing Co.

Box 698 S • Grand Prairie, Texas

Aluminum & Fiberglas Boats ★ Inboard & Outboard Cruisers ★ Trailers

DIVING BOARD MAINTENANCE

BY NORMAN R. MILLER

Proper installation and maintenance of your diving boards will insure better performance and maximum service. This also means safety and financial savings in the operation of your waterfront.

Here are some tips on how to care for your boards:

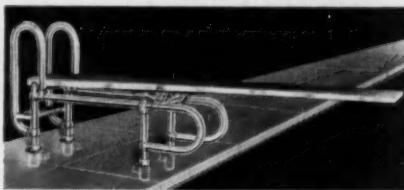
Install your boards properly. First, make sure that all parts of your diving stand are properly aligned and that your fulcrum is aligned and perfectly level with the floor. Second, locate your fulcrum correctly: For a 12-foot board, a distance of 6 feet from the anchored end of the board is recommended; for a 14-foot board, 6 to 7 feet; and, for a 16-foot board, 8 feet. Finally, make sure that the base of your board and fulcrum are aligned and perfectly level; then, bolt the base of your board securely to the stand.

Either a standard bar-type or a rocker-type fulcrum will assure good diving board performance, providing the fulcrums are properly designed and covered with a heavy thickness of live, resilient rubber to absorb the shock of the board when in use.

Do not secure the board at the fulcrum. Diving boards are designed to rest free at the fulcrum point. They must

**Unsurpassed
IN STRENGTH, DESIGN
AND DURABILITY**

American Approved POOL EQUIPMENT



American Approved DB-1 Extra Heavy Duty
Official Regulation One Meter Diving Unit



American Approved Steel Pool Ladder



American Heavy Duty Life Guard Chair

Write for Literature



BRANCH PLANT AT NAHMA, MICHIGAN

LASTING PROTECTION FOR YOUR BOAT



BoatLIFE

The Finest
Finish Your
Boat Can Have

It's WATERPROOF and amazingly flexible and elastic. Resistant to marine growth . . . it protects against rot. Will not crack, chip, or peel when properly applied. Outlasts and is superior to spar varnish! Available in Plasticlear, White, and five brilliant colors. \$3.85 qt., \$12.80 gal.*

BoatVINYLIFE: A true outstanding anti-fouling liquid plasticized vinyl plastic for longest bottom protection in salt water. Prevents Teredo worms and crustacean growth of all types. \$6.60 qt., \$22.00 gal.*

BoatLIFE Plastic Canvas Seal: Completely seals and WATERPROOFs all types of canvas. Bending or folding will not crack seal. Clear or White color. \$2.25 qt., \$7.50 gal.*

*West of Mississippi: add 25¢ qt. & 90¢ gal. to cover shipping costs.

Write today for free folders giving complete details.

ALSO BOAT LUMBER



FOR BOAT BUILDING AND REPAIRING—
Selected lumber specializing in general imported and domestic boat lumbers in all sizes and types.

LUMBER LIST

Sitka Spruce Mast & Spar Stock • Cedar (Red & White) • Cypress • Long Leaf Yellow Pine • Oak • Teak, Philippine and ALL OTHER TYPES OF MAHOGANY. Marine Plywood in Lengths up to 16 Feet! Send 10c for folder "How to Select the Right Boat Lumber". Helpful for construction and repairs.

M. L. CONDON CO., INC.

244 Ferris Ave., White Plains, N. Y.

not be bolted or strapped down at the fulcrum. Fastening boards at the fulcrum will destroy much of the "spring" and will cause excessive breakage.

Insist that your boards will be used wisely. Allow only one diver on your boards at one time. Further, insist that needless bouncing, jumping and springing on the boards be stopped. Remember that only three steps and one jump are required by the experts in championship running dives.

Alternate your diving boards regularly. After one board has been in service for four or five weeks, take it down, remove the matting and place the board right side up in a normal 70 degree temperature room, resting levelly on "two by fours" placed under each batten. Scrub the board clean with soap and water, then permit it to rest and air-dry for ten days or so. Then, paint your board with boiled linseed oil and rub dry before placing the matting back on the board; or, if your board is finished in spar varnish or white enamel, simply apply one coat of the original finish and let dry before replacing and matting.

Increased safety may be assured by covering boards with extra heavy duty cocoa matting, which is a specially woven imported fabric, tested and selected for maximum durability. It is approved, regulation covering for diving boards and springboards, and may also be used as runners, wherever wet surfaces present a slipping hazard.



THE PEER OF PIERS

For Camp, Cottage Or Club

Demountable, easy to put in and easy to take out. Stable, strong and built to take it year after year. Adjustable in seconds, both upwards and downwards, while standing on the deck. Steel supports, wood decks. Suitable for salt or fresh water. Available in 12 ft. sections, 4 ft. or 6 ft. wide. Can be installed in "L", "T", "U" or "H" shapes.

Big Water Sports Catalog FREE.

Write today.

HUSSEY MFG. CO. 559 R. R. Ave.

N. Berwick, Me.

THERE'S MORE CAMPING FUN WHEN THERE ARE **Sailfish®** ON THE WATERFRONT!



Camp directors everywhere have found that there's nothing like a fleet of Sailfish to give their campers *more* sailing fun at lower costs. Campers love the Sailfish for its thrilling speed and easy handling. Camp directors admire its perfect swamp-proof safety and its low, low maintenance.

Best of all, you can have a whole fleet of Sailfish for the price of a single larger craft!

HERE'S WHAT ONE CAMP DIRECTOR SAYS:

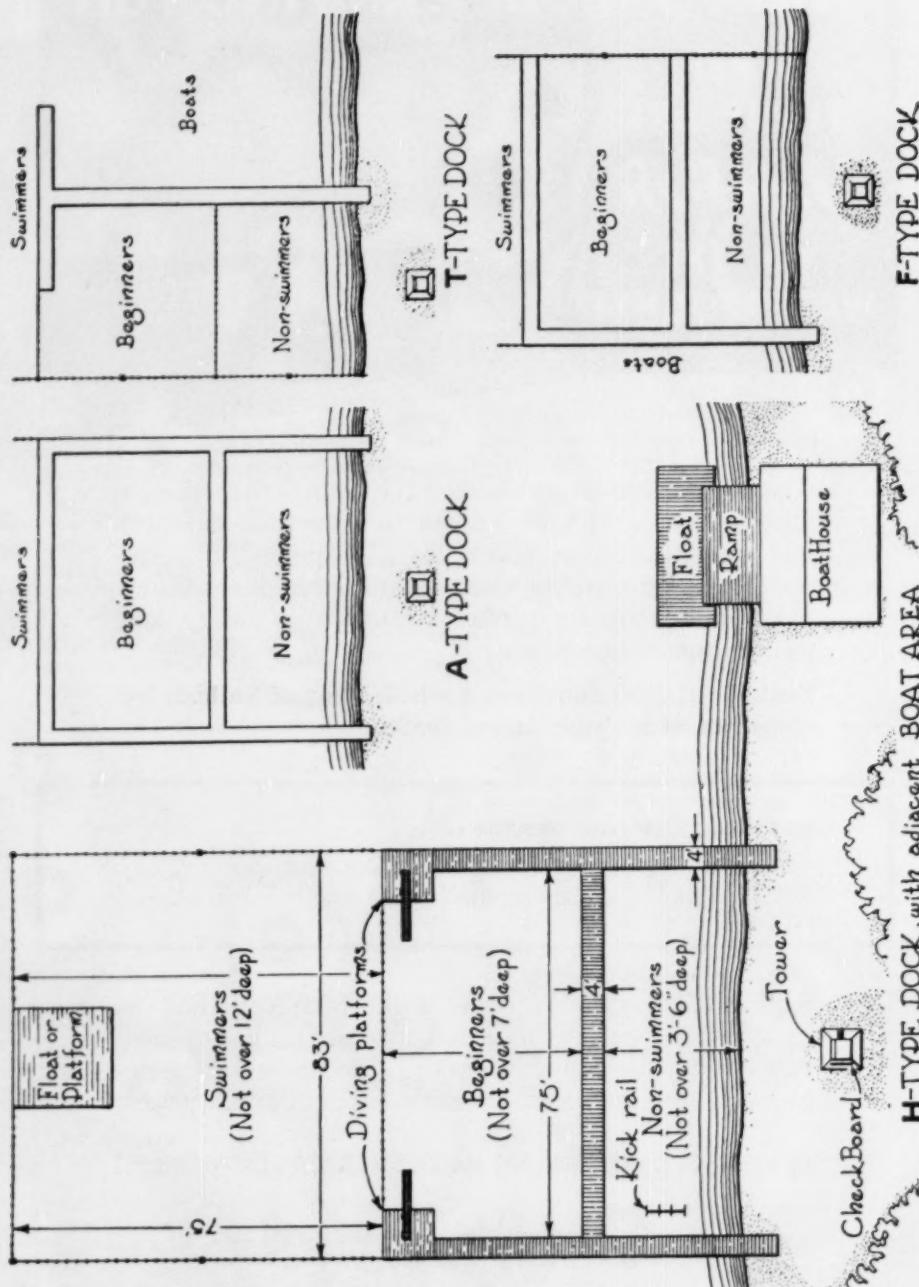
"We are now enjoying eight of your Sailfish, and the youngsters here at camp are fighting each other to be first aboard."

Sailfish are available both in finished form and as knocked-down kits (which make wonderful group projects in your hand-craft program). Send now for full details and for complete information about Sailfish prices.

Don't forget to ask about the special discount on Camp Orders!

ALCORT, Inc. Dept. C-1 Box 1345
Waterbury, Conn.

DOCK LAYOUTS



From *Camp Site Development* by Julian Salomon,
published by Girl Scouts of the U.S.A.

SAFEST, MOST PRACTICAL PIER IN THE WORLD!

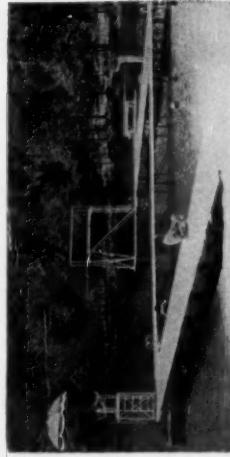
- ALL-STEEL
- WELDED
- DURABLE
- SECTIONAL
- ADJUSTABLE

TAKES LESS TIME . . . LESS EFFORT
TO PUT IN . . . TAKE OUT!

Pick the dock arrangement you'd like best at your camp . . . STANDARD pier combinations can provide it. There'll be more, safer water fun for beginner and expert at your camp with STANDARD piers and accessories . . . diving boards, ladders, benches, boat mooring arms and guard towers!

Styles and estimates furnished without obligation!

• BEAUTIFIES YOUR
WATERFRONT



Send us a rough sketch . . . giving water-depth and dimensions to meet your dock need. We will quote prices and make our recommendations without obligation.



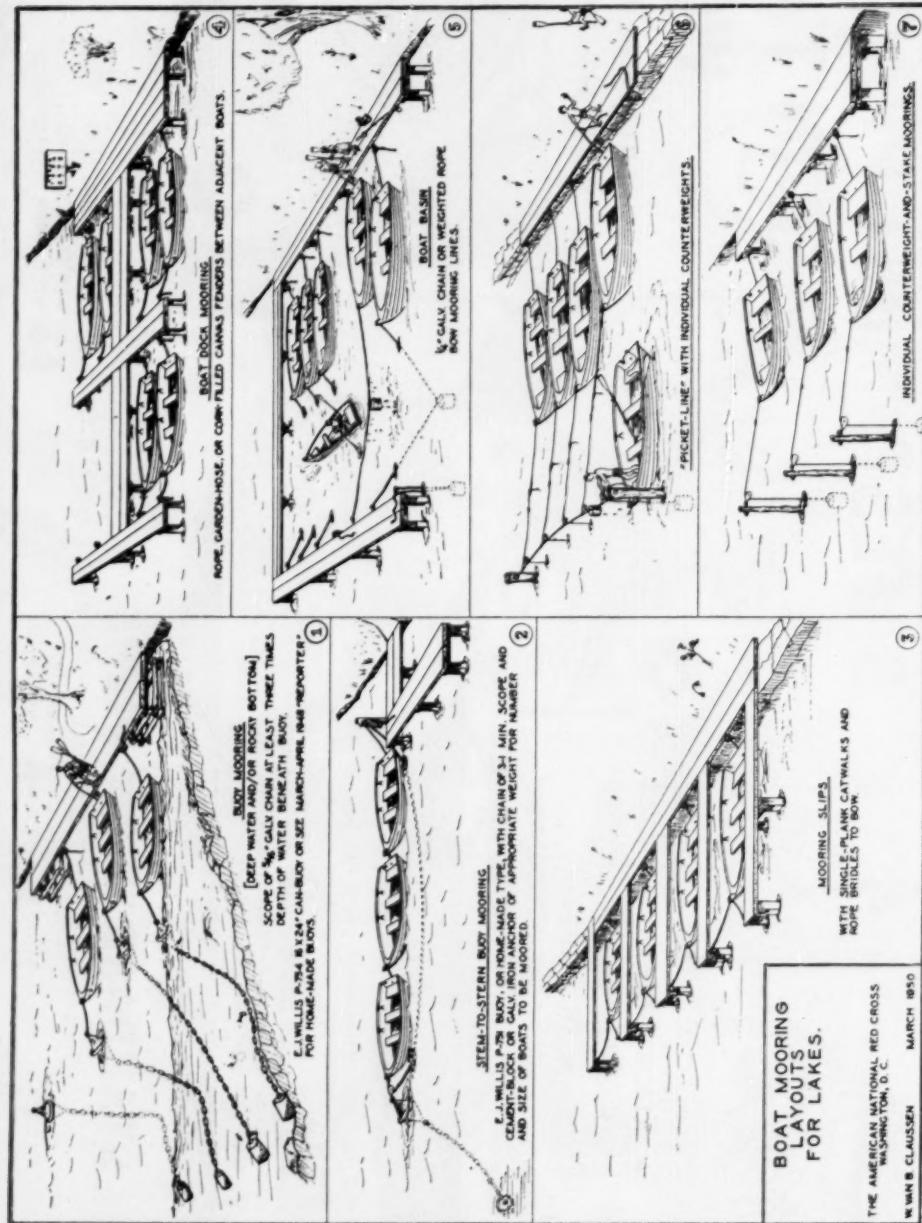
STANDARD Steel PIERS

manufactured by STANDARD STEEL PRODUCTS MFG. COMPANY
9-11 BENNETT ROAD
ENGLEWOOD, NEW JERSEY

2836 SOUTH 16TH STREET
MILWAUKEE 7, WISCONSIN

BOAT MOORING METHODS

SUGGESTIONS FOR TAKING GOOD CARE OF YOUR CAMP BOATS WHILE THEY ARE MOORED, FROM THE AMERICAN RED CROSS.



POOL CARE

Basically, all pools fall into two groups—filtered pools and unfiltered pools.

Filtered Pools

There are three basic types of filters—gravity, pressure sand and gravel and pressure diatomite. All three improve water clarity and purity by drawing water from the pool, passing it through a filter bed and returning the filtered water to the pool. As water passes through the filter bed, impurities and suspended foreign matter are removed.

The three fundamentals for proper care of a filtered pool are filtration, cleaning and chemical treatment.

Filtration

How long should the filter be run? The number of hours that your filter takes to clear your pool, to that extent determines the normal length of the daily filter running time. This can be

determined only by experience, for the proper length of the filter run varies with climatic conditions and the number of persons using the pool. But once you have determined the proper filter run for your pool, you will find that running the filter approximately the same number of hours every day will be a routine procedure.

Don't stop filtration on days when the pool is not in use. Over-filter rather than under-filter.

When to Backwash

Cleaning the filter is called "back-washing" (forcing the pool water rapidly through the filter bed in the direction opposite to that of normal filtering.) This should be done whenever the dirt removed from the water accumulates in the filter sufficiently to interfere with the proper flow, or to make pump operation uneconomical. The safest practice is to take frequent gauge readings.

Flocculation

To improve the efficiency of a sand filter, a "floc" or soft gelatinous mass

EVERYTHING FOR YOUR WATERFRONT AND SWIMMING POOL PROGRAM

ALUMINUM FIBERGLASS DIVING BOARDS

POOL CLEANING EQUIPMENT OF ALL TYPES

STEEL SWIMMING POOLS

LIFE SAVING AND WATERFRONT EQUIPMENT

CHECKING PINS AND TAGS

COLORED BATHING CAPS

4000 ITEMS—Write for our new complete catalog



WE MANUFACTURE EVERYTHING BUT THE WATER

A D O L P H K I E F E R & C O .
2045 RAILROAD AVENUE

GLENVIEW, ILL.

Leading Manufacturers and Distributors of Aquatic Supplies

is formed over the top of the filter bed. The floc screens the fine particles of matter that would otherwise pass through the filter sand. It is formed by feeding alum into the filter system by means of an alum feed pot, a chemical feeder or even through the strainer.

Backwashing flushes away the alum floc together with the accumulated foreign matter and when filtration is started again a new alum floc should be formed.

Cleaning the Strainer

To remove debris that might otherwise damage the filter pump, water from the pool first passes through a strainer. Each time the filter is backwashed and each time the pool is vacuumed, the strainer basket should be emptied. Filter sand need not be changed for 15 or 20 years or longer. However, it is good practice to remove the man-hole and inspect the filter bed at least once every five to seven years.

Pool Cleaning

A pool vacuum cleaner sucks up dirt (along with water) and enables you to clean the pool bottom without emptying the pool.

In small pools, a floor brush can be used to sweep sediment to the main drain. Water flowing from the pool to the filter through the drain, draws the sediment into the filter.

Chemical Treatment

The third fundamental of pool care is proper chemical treatment. This con-

sists of three basic procedures: chlorination, algae control and maintenance of proper alkalinity.

Chlorine is one of the most economical and widely used agents for purifying pool water and fortifying anti-algae treatment. One form, liquefied gas, is efficiently used only in the largest pools, but chlorine granules (calcium hypochlorite) and liquid chlorine (sodium hypochlorite) are widely used in the average size pool.

Standard procedure calls for the application of sufficient chlorine to maintain a free residual of 0.3 to 0.6 parts per million. In public pools this residual must be maintained constantly to guard against contamination.

About once each week the pool should be superchlorinated by tripling the normal dosage. This raises the residual reading above 0.6 but as soon as it drops to 0.6 (usually in a few hours) the pool can be used for swimming. Superchlorination destroys the more resistant types of bacteria and organisms.

Algae Control

Algae are microscopic single-celled plant organisms which multiply rapidly. Algae are present in all water, even in the very water with which you fill your pool. Pools should be treated with a chemical algae preventive as soon as they are filled and periodically thereafter.

Source—Modern Swimming Pool Co., Inc.



Protect Public Health With More Efficient Sanitary Treatment of Your Swimming Pool

TRADE

AQUATONE

M A R K

Reg. U. S. Pat. Off.

Is More Efficient Because It

**REMOVES AND PREVENTS FILTER POLLUTION CONTRIBUTING TO
A MORE SANITARY POOL**

Aquatone cleans filters of greasy pollution, quickly and economically without interference with pool operation, providing the only known means for permanent maintenance of grease-free filters and pools, contributing to the highest possible sanitary status thereof.

Aquatone prevents Eye Irritation by increasing the solubility and diffusion of chlorine, increasing the chlorine retention requiring less chlorine for adequate Bacteria Control. Its neutralizing action toward the causticity of chlorine and alum treated water contributes further to prevention of Eye Irritation.

Aquatone as an algicide eliminates slime, it imparts alkaline pH without causticity, softens the water, and eliminates stickiness of the hair and body of bathers.

No equipment is required. Particulars and references—no obligation.

CREATIVE CHEMICAL COMPANY

PITTSBURGH 24, PENNA.

TRIP EQUIPMENT

A campcraft program can succeed only when the personnel responsible for it are equipped with the knowledge and abilities necessary, and are fortified with adequate equipment and the interest and friendly supervision of the management.

The amount and kind of equipment—whether purchased or makeshift—will depend on what the camp requires individual campers to bring for their own use. Camps which cannot or do not require the below-listed personal items necessary for campcraft participation must plan to stock them or their equivalent.

PERSONAL TRIP EQUIPMENT

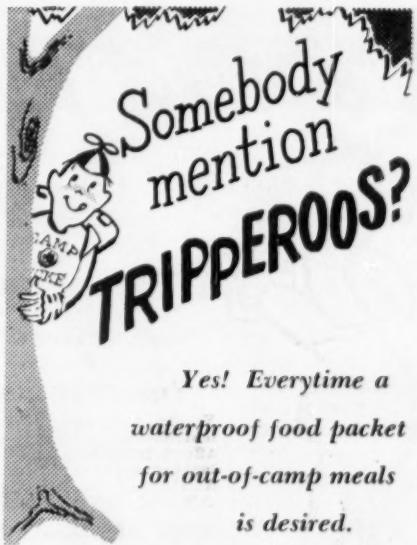
1. Sleeping bag or ground cloth
2. Knapsack
3. Hatchet
4. Knife
5. Mess-kit

FUNDAMENTAL EQUIPMENT

SUPPLIED BY CAMP

1. Bags for packing food (waxed, fabric, glassine, plastic)
2. Buckets and cans for liquids, with bails and tight covers
3. Books on campcraft skills
4. Canteens
5. Dish towels, mops and sponges
6. Duffle bags
7. Knapsacks
8. Pack baskets and grub boxes
9. Dutch and reflector ovens
10. Frying pans
11. Files and Carborundum stones
12. Grates
13. Toasting forks
14. Kettles
15. Metal dies for stamping names on mess kits
16. Tarps for temporary shelters
17. Tents, mosquito and shelter
18. Poles and pegs
19. Pot hooks
20. Rope tighteners
21. Shovels
22. Pop corn poppers
23. Griddles
24. Grills
25. Broilers and stoves
26. Waterproof match boxes
27. Screw top jars, canisters, and tins for packing food

28. Salt and pepper shakers
29. Toilet paper holders
30. Spoons, forks, pancake turners, etc.
31. Can openers
32. Ropes
33. First aid kits of various sizes (always turned in to nurse at the end of trip for replacement and checking)
34. Burlap and onion sacks for food carrying
35. Compasses
36. Maps
37. Repair kits
38. Heavy cotton gloves
39. Folding and regular lanterns
40. Folding and light-weight small bow saws



TASTY, CONVENIENT, ECONOMICAL

Each Tripperoo serves 4 hungry campers WELL! Just add water—cook over fire. Saves trouble of repackaging from kitchen stock. Over 20 menu favorites including Egg Pancake, Chili Con Carne, Sweet Milk Cocoa, Spaghetti-Tomato Dinner. Send for prices now.

Tripperoo Department

**HILKER & BLETSCH
COMPANY**

614 West Hubbard St.
Chicago 10, Ill.

Quality Food Manufacturers
since 1891



41. Knock-down saws
42. Lightweight camp axes with sheaths
43. Plier-like tongs
44. Packboards
45. Carrying and portaging equipment

EQUIPMENT ROOM SUPPLIES

1. Metal-rimmed tags
2. String
3. Steel wool
4. Funnels
5. Gummed labels
6. Clothespins
7. Carbon paper
8. Corks
9. Assorted sizes of screw-top tin covers
10. Adhesive tape

11. Waxed paper
12. Aluminum foil
13. Sewing and repairing items
14. Measuring cups

MIMEOGRAPHED OR PRINTED MATERIALS

1. Equipment and food lists
2. Special recipes
3. Trip skill requirement lists
4. Outline of trip duties
5. Trip K. P. charts
6. Special directions of various types

INVENTORY

A complete, alphabetical inventory of these permanent supplies should be taken frequently.

Source: Barbara E. Joy

naturally fun FOR ALL CAMPERS



Yes, real fun . . . and practical, too!

Young and old, boys and girls alike, all take naturally to leathercraft work. Osborn ready-to-assemble leathercraft kits afford interesting, educational, productive recreation. Genuine leather is pre-cut into authentic Indian patterns, hole-punched and ready for making: MOCCASINS — BELTS — WALLETS, AX AND KNIFE SHEATHS, etc.

NEW Jiffy-Moc KIT

- Glove-soft top grain leather
- Cemented foam rubber innersoles
- Complete . . . ready to assemble per pair

Only

\$2.98



Foot-conforming design in standard shoe sizes . . . smooth, snug-fitting heel. Kit includes pre-cut vamps with pre-set innersoles, plugs, separate cuffs and lacings. Women's and Teen-age sizes: 4 through 9 — Colors: Hopi Red, or White with Bead Kit (Designs, Glass Beads, Needle, Thread). Men's Sizes: 7 through 12 — Color: Buck Tan (no beads). Specify Men's or Women's, Size and Color.

Individually packaged in cellophane bags. \$2.68 each in dozen lots — choice of assorted sizes and colors.

There are hundreds of other simple, inexpensive projects described and illustrated in the NEW 72-page OSBORN Catalog No. 21 . . . Write today for your free copy.

OSBORN BROS. SUPPLY CO.

223 Jackson Blvd., Dept. B, Chicago 6, Illinois

The House of Leathercraft Now in Our 37th Year

BASIC CRAFT PRINCIPLES

In the administration of a camp crafts program many factors need consideration. The principles set forth in this article are based on a survey of 128 camps, located in 17 Eastern states. Of the total, 65 were agency camps and 63 private camps. Individual items are likely to be of varying degrees of importance as between one camp and another, but those appearing nearest the top of the list are the principles on which the camps surveyed were most nearly in unanimous agreement.

PRINCIPLES RATED ESSENTIAL

1. Safety procedures should be stressed for each craft project.

2. The head crafts counselor should be specially trained in crafts.

3. Senior campers (ages 14 and up) should be permitted to select their own projects.

PRINCIPLES RATED DESIRABLE

4. Intermediate campers (ages 10 through 13) should be permitted to select their own projects.

5. Native crafts materials should be used in the crafts program.

6. Craft facilities should be available to campers during "free periods."

7. Crafts periods should be scheduled by camper age groups.

8. The head crafts counselor should be of the same sex as that of the campers.

9. Junior campers (ages 6 through 9) should be permitted to select their own projects.

10. Crafts materials for the entire season should be purchased before camp opens.

11. Power tools should be provided for use of senior campers.

PRINCIPLES RATED USEFUL

12. Campers should be permitted to attend crafts only with their own age group.

13. Power tools should be provided for use of crafts counselors.

14. Awards should be given for satisfactory work in crafts.

15. Use of commercial craft kits has a place in camp.

16. Camps should provide a reasonable amount of craft materials to campers at no direct cost.

17. Power tools should be provided for use of intermediate campers.

PRINCIPLES RATED UNNECESSARY

18. Power tools should be provided for use of junior campers.

Source: Eugene F. Garbee, abstracted from a doctoral dissertation.



ORDER YOUR COMPLETE CRAFT SUPPLIES FROM ONE SOURCE — THE EASY WAY!

LeisureCrafts has served the camp and private school market for many years and draws on this valuable experience to offer quality craft material at the most competitive prices. Complete stocks of leathercraft, craftstrip, woodcraft, beadcraft, paints, brushes, etc. are available. Try LeisureCrafts, "Camp Craft Headquarters", this year—you'll be glad you did!

Free!

1955 craft catalog available to camps and private schools. Full of lots of wonderful materials for a perfect craft program. Send for yours today!

LeisureCrafts

528 SOUTH SPRING ST.
LOS ANGELES 13 CALIFORNIA

BASIC CRAFT SHOP TOOLS

Every well-equipped craft shop should contain: scissors, pencils, erasers, rulers, compasses, pins, thumb tacks, hammer, nails, glue, paste, tracing paper, newsprint, steel wool, sandpaper, carbon paper, razor blades, brushes (variety of kinds), shellac, rags, alcohol, turpentine, needles and thread.

WOOD

Arkansas carving tool slips, set of four shapes
Back saw, 12 points, 14 inch
Bench hook
Bevel guage
Block plane, 6 inch
Brace and auger bits, set of 7 or 13 bits
Brushes, $\frac{1}{2}$ inch to 2 inches
"C" clamps, 3, 4 and 6 inch
Carpenters steel square
Carving tools
Chisels, socket type, $\frac{1}{4}$, $\frac{1}{2}$ and 1 inch; gouge and butt
Claw hammers, 6 and 10 ounce
Compasses, 6 inch
Coping saw, pin-end-blade type, 6 inch; blades for same
Cross-cut saws, 8 point, 20 inch; 10 point, 20 inch
Extension knife, assorted blades
Gouge, slip, oil stone
Hand drill, set of 36 or 60 twist drills
Hand scraper
Nail set, one set of five
Oil stone, combination Carborundum, 8 inch
Paper for patterns
Pencils, assorted
Pin vise
Pliers, gas
Pliers, side cutters, 6 inch
Rip saw, 7 points, 24 inch
Screw drivers, 4, 6 and 8 inch
Smoothing plane, 8 inch
Spoke shave
Try square, 8 inch, steel
Wood files, assorted cross sections (shapes) and coarseness
Wood rule, 6 foot, folding
Wood rule, 12 inch

LEATHER

Background stamps, steel and brass, assorted
Background stippler
Ball end modeler
Brushes, No. 0, No. 00
Carpenters steel square (framing square)
Combination modeler-tracer tool
Deerfoot modeler
Draw guage or splitting knife
Edge beveler
Extension knife, assorted blades
Eyelet setter, fid or awl
Hollow drive punches, one set of six, sizes 0 to 5
Leather lacing needles (bamboo, steel, foil tip)
Mallet, hickory, dogwood, or maple
Maple cutting board
Metal straight edge
Oil stone, combination Carborundum, eight inch
Pencils, assorted for tracing and sketching
Plate glass or marble slab
Plate shears, straight blades, eight inch
Push beveler
Scissors, blunt nose, eight inch
Skinning knife
Snap button fastener set (anvil, hammer, and bodkins)
Spacing wheels, five and six spaces per inch
Spring punch, revolving head, six tube
Swivel knife, tracing tool
Transfer medium, e.g., paper
Thonging chisels, sizes 1 and 4
Wooden rule, 12 inch

METAL CRAFT

Art metal forming stakes, assorted
Ball peen hammer, 6 and 10 ounce

Brushes, assorted sizes, sable 1 to 5,
 camels hair 1 to 4
 "C" clamps, assorted sizes, 2, 4 and
 6 inch
 Center punch
 Chasing hammer
 Chasing tools, assorted
 Cold chisels, $\frac{1}{2}$ inch, 1 inch
 Combination modeler-tracer (leather
 tool)
 Files, assorted cross sections (shapes)
 and coarseness, 6, 8 and 10 inch
 Hack saw, adjustable
 Hand buffs
 Hand drill and 36 or 60 assorted twist
 drills
 Jewelers files, one set of 12, assorted,
 6 inch
 Jewelers saws, $2\frac{1}{2}$, 5 and 8 inch; blades
 for same
 Leather tipped wooden mallet
 Maple forming blocks, assorted
 Maple mallet, 2 inch face
 Metal plate molds, 3, 4, 5 and 6 inch
 Metal stamps, assorted
 Metal straight edge
 Pin vise
 Planishing hammers, assorted sizes
 Pliers, flat nose; pliers, gas
 Pliers, round nose
 Pliers, side cutters, 6 inch
 Rawhide mallet, 2 inch face
 Scratch awl
 Shears, 12 inch, straight blades
 Try square, 8 inch, steel
 Wooden rule, 12 inch

CLAY CRAFT

Brushes, assorted sizes
 Knife
 Kitchen mallet
 Modeling tools—various shapes
 Pliers, gas
 Pliers, side cutters, 6 inch
 Rolling pin
 Sandpaper, No. 1 to 5
 Shears, 12 inch
 Scraper
 Sponge
 Templates
 Wooden calipers

Source: Eugene F. Garbee, abstracted
from a doctoral dissertation.

CRAFTING FUN



for everyone
regardless of
age or aptitude!

A wide variety of metal craft projects is possible with the easy instructions, and simple, inexpensive tools and materials which we furnish. This enables you to interest and instruct youngsters of a broad range of ages and aptitudes. Moreover we've worked out these crafting supplies so that the rank beginner can achieve satisfying results with them . . . yet they do not fail to challenge the creative ability of the most talented craft worker.

SAFE-T-ETCH

a terrific benefit in group work!

SAFE-T-ETCH, our new non-acid etching compound is everywhere proving enormously popular with craft instructors because it removes the old dangers and hazards of etching with acid. As for our *Super-Brite MIRROR-Finish Aluminum*, and other specially-prepared craft metals—they've become the standard among amateurs and professionals alike. May we send you our descriptive literature and price list? No obligation—just drop us a postcard.



WHIRLAWAY—a clever, new, easy-to-do craft! Here's one of the cleverest and most colorful crafts on the market today! Even the most inexperienced youngster finds it fascinating. Look into it. A postcard request brings you descriptive literature and prices.



"HEADQUARTERS FOR THE NATION'S FINEST CRAFT METALS SINCE 1935"

METAL GOODS CORPORATION

Department 55

METAL GOODS CORPORATION
618 ROSEDALE AVE.
ST. LOUIS 12, MO.

GRADED CRAFT PROJECTS

A graded and classified list of craft projects and materials required for the shop, prepared by Marion Trowbridge.

Types of Project and Age Groups	Items Which Can Be Made	Materials, Tools and Equipment Needed
Basketry 9-15 and over	Baskets, trays, hot mats, waste baskets, holders for tumblers, sandals	Plant fibers — round, flat or flexible — purchased or gathered at campsite — vines, willow, reeds, grasses, fibers, ash, corn husk Tub for soaking fibers, heavy scissors, awl, pliers, tape measure, sharp knife, tapestry needles
Batik 12-15 and over	Scarfs, handkerchiefs, wall hangings, place mats, curtains	Wax (1½ paraffin, ½ bees- wax), dye, gasoline
Blockprinting Linoleum 12-15 and over	Stationery, book-plates, wall hangings, handkerchiefs, place mats, greeting cards, labels, stickers, luncheon sets, napkins	Frames for stretching cloth, heat for keeping wax hot, brushes, tjantings
Potato print 6-11	Stationery, scarfs, handker- chiefs	Battleship linoleum, printers' inks Linoleum tools, (V-shaped veiners, U-shaped gouges), brayer, glass, pallet knife
Carving, Soap 9-15 and over	Figures, animals, (round or relief)	Raw potatoes, tempera paint Knife or razor blade
Carving, Plaster 12-15 and over	Figures, animals, plaques	Large bar soap Knife
Carving, Wood 12-15 and over	Totem poles, figures, ani- mals, plaques, tiles	Plaster of Paris, cardboard box (size of desired ob- ject) Bowl to mix plaster, stick or spoon, knife
Carving, Chip 12-15 and over	Boxes, trays, plates, clogs, book-ends, picture frames, tiles	Soft pine or basswood Saw, gouges (set of wood tools), rasp knife
		Soft pine or basswood (or battleship linoleum) stain, raw umber, oil paint and turpentine, varnish or shel- lac, wax Razor blade, brush, rags

**Types of Project
and Age Groups**

Clay (unfired)
6-15
and over

Clay (fired)
12-15
and over

Items Which Can Be Made

Figures, animals, bowls,
masks

Figures, animals, bowls,
boxes, dishes, tiles

**Materials, Tools and
Equipment Needed**

Moist or dry clay (preferably self-hardening or add dextrin) oilcloth squares (18"), rags, tempera paint, shellac, enamel

Plaster bats, clay tools (or meat skewers, orange sticks, etc.) brushes, clay container (metal garbage can or heavy earthen crock with cover) wire, rolling pin

Pottery clay, glazes, oilcloth, rags
See unfired clay, plus kiln, potters' wheel



MINIATURE TRAY PINS

**Paint Them!
Wear Them!**

A "do - it - yourself" anyone can do well. Miniature metal picture frames, palettes and toile trays. They come cleaned, primed and sprayed — ready to decorate. Patterns and decorating instructions furnished. Used as pins and earrings. They make wonderful gifts and remembrances for mothers, aunts and grandmothers. Something new for your crafts program. Send for free sample and literature on your letterhead.

CRAFTS MFG. CO.
Dept. CM Lunenburg, Mass.

-LEATHERCRAFT-

WHETHER YOU HAVE USED LEATHERCRAFT IN YOUR CRAFTS PROGRAM, OR ARE CONSIDERING IT AS AN ADDITION TO YOUR PRESENT ACTIVITIES SCHEDULE, YOU OWE IT TO YOURSELF AND YOUR ORGANIZATION TO SEND FOR AND READ OUR NEW SPECIAL CATALOGUE OF LEATHERS AND LEATHERCRAFT AIDS AND KITS.

We have specialized in Leathercraft as a recreational and vocational activities medium for the past 25 years. Our projects are designed for all age groups, and our Factory-To-You service gives you top grade merchandise at substantial savings. If you work with youngsters of school age, teen-agers, or adults — we have the very projects that will fit into your crafts program. Write for FREE CATALOG. Send for your free copy of our new 1955 Catalogue of Leathers and Leathercraft Supplies. Ask for Catalogue No. 100. Do it today!

S. & S. LEATHER CO.
Colchester 1, Conn.



THE WOODEN CROSS

**Easy-to-Make
CREATIVE
TREASURED
RESULT**

A project brought about by popular demand to fill the needs of persons who feel the importance of a just-right symbol to satisfy their craft wants.

The making of the Wooden Cross allows for creative design; it teaches good craft procedure; sanding, gluing, decorating and finishing. The Cross is cut from selected kiln-dried wood. The Wooden Cross is easy to assemble, a pleasure to make.

Each Cross comes complete with Instructions at Only:

\$2.50 per dz., ship. wt. per dz., 2 lbs.
25c each — Postage Extra

Manufactured by

THE HANDCRAFTERS

Waupun, Wisconsin

Exclusively Handcraft Supplies

GRADED CRAFT PROJECTS

Types of Project and Age Groups

Cork
6-15

Felt
9-14

Gesso
12-15
and over

Glass etching
12-15
and over

Horn
12-15
and over

Knotting Gimp
(or braiding)
6-14

Yarn, strings
and raffia, etc.
11-15
and over

Leather
9-15
and over

Items Which Can Be Made

Scrapbooks, tiles, belt squares, place mats and coasters; decorate (apply to) wooden trays, book ends, boxes, waste baskets, desk sets

Fireplace mittens, purses, moccasins, hair bands, flowers, beanies, pennants, belts; applique on wood, cork or cloth; eye glass cases, animals, dolls

Apply on wooden surfaces: boxes, book-ends, picture frames, bowls, scrapbooks plaques, desk sets, trays

Tumblers, ash trays, paper weights, dishes, desk identifications, tiles

Beads, buttons, rings, ear rings

Lanyards, bracelets, belts

Belts, bookmarks, napkin rings, bracelets, purses, mesh scarfs

Bill folds, key cases, moccasins, belts, purses, archery wrist guards, arrow cases, eye glass cases, book covers, book marks, desk sets, portfolios

Materials, Tools and Equipment Needed

$\frac{1}{8}$ ", $\frac{1}{6}$ ", $\frac{1}{4}$ ", cork, water color paints, shellac, glue Scissors, brushes

Various color felt, yarn, thread, beads
Pinking shears, needles

Gesso (prepared or home-made) enamel or oil paint, varnish, wax paper
Brushes

Etching compound, masking tape, black asphaltum, rags
Razor blade, brushes, tooth picks, cotton

Deer horns, cow horns, elk horns, leather thonging
Saw, drill, knife

Colored gimp (flat and round,) fastenings

Yarn, colored twine, strings, raffia, thread

Tooling calf, sheepskins and some cowhides, lacing (leather thonging or gimp) fastenings, battleship linoleum (to make own die for modeling)

Leather punch, leather wheel marker, vise, modeling tools (pointed & flat), sponge, marble slab, metal stamps, cutting knife, fastening equipment, mallet

GRADED CRAFT PROJECTS

Types of Project and Age Groups

Metal
(16-20 gauge)
Chasing
Etching
Piercing
Repousee
Hammering
6-15
and over

Metal Foil
6-15
and over

Painting and
Sketching
6-15 and over

Items Which Can Be Made

Bracelets, book ends, desk sets, trays, boxes, candlesticks, letter openers, bowls, tea tiles, cigarette cases, napkin rings or clips, buttons, brooches, buckles

Apply to wood or heavy cardboard as trays, boxes, match holders, desk sets, picture frames, plaques, book ends, scrap books, three-dimensional use as favors, ornaments, table decorations

Sketches of
Scenery and landscapes
Still life
People and animals

Materials, Tools and Equipment Needed

Glass or crockery dishes for acids, mallet, wooden molds, bracelet bender, files, coping saw for metal, brace and bit, ball peen hammer, anvil block or block of steel, lead block for repoussé, dapping tools, drill, chasing tools, metal shears

Pewter, copper, brass, german silver, aluminum, etching acids (hydrochloric for aluminum, nitric for other metals), oil and pumice, steel wool, black asphaltum

Metal foils (aluminum, copper, brass), liquid solder, nails

Hammer, nutpick, meat skewers, orange sticks, teaspoons

Water, oil, and finger paints
Pastels, Crayons
Sketching paper
Brushes
Rags

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listed items

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GRADED CRAFT PROJECTS

Types of Project and Age Groups		Items Which Can Be Made	Materials, Tools and Equipment Needed
Painting 9-15 and over		Boxes, clogs, trays, plates, book ends, bracelets, buttons, scrap books, picture frames, tiles, bowls	Tempera paint, shellac, enamel Brushes Serpentine (paper streamers), shellac
Paper	6-8	Pottery, pin trays, nut cups, candlesticks, coasters, napkin holders, tiles	Paper sacks, crayons, tempera paint (feathers, yarn, etc.)
	6-8	Masks	
Paper	6-11	Beads: from magazine ads, cut long, thin triangles, roll and shellac	Colored magazine ads or colored paper, string, shellac. Hat pins
	9-14	Relief cardboard — cut designs from cardboard and apply to objects — boxes, trays, etc.	Cardboard, tempera paint, shellac Razor blades, scissors
	6-14	Marbelized paper and starch paper—book jackets, portfolios, box coverings and linings	Oil paint, turpentine, starch, tempera paint, construction paper. Shallow dish
	12-14	Paper-paste modeling, boxes, tiles, plaques	Construction paper, plenty of paste. Meat skewers, nail heads, etc.
Papier-mache pulp or strips 6-15 and over		Fruit, vegetables, bowls, animals, figures, puppets, masks	Newspapers, starch, wire, tempera paint, shellac, string, masking tape
Plastics 12-15 and over		Pins, buttons, bracelets, pin trays, candle sticks, pendants, paper knives, napkin rings, boxes, picture frames, cigarette cases, scalloped dishes	Old plates or pie tins Plexiglass or Lucite sheets, 1/8" - 3/16", sandpaper, Simonize, soap (for saw blade), plastic solvent Soft clean working area, cotton gloves, scribe or awl, coping saw, files, drill, vise, pliers, 250° oven heat
Rustic Crafts	9-14	Doorstops, candle holders	Birch logs, lead shot
	9-11	Figures, animals, letter openers	Saw, brace and bit
	6-8	Flower pots and canisters	Tree roots, knotted branches
	9-14	Totem poles	
			Knife, saw Tin cans. Tin shears Soft wood, branch of tree, paint. Knife, saw

GRADED CRAFT PROJECTS

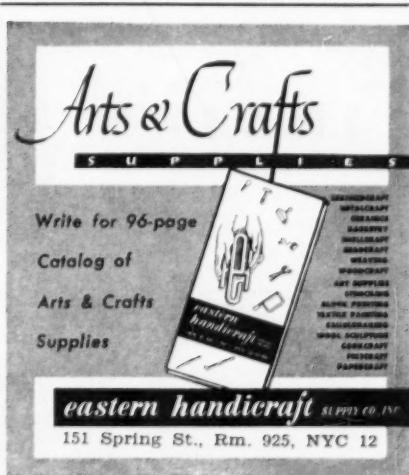
Type of Project and Age Groups	Items Which Can Be Made	Materials, Tools and Equipment Needed	
6-8 9-14	Paper weights Favors	Stones, enamels. Brushes Birch bark, pine cones, acorns, paint, glue, shell- lac	
9-14	Mats (weaving)	Reeds	
Stencil (spatter) 9-15 and over	Stationery, cards, programs, pictures, posters, scrap- books, wall panels, hand- kerchiefs, scarfs, luncheon sets, curtains, bibs, aprons	Stencil paper, water color (on paper) textile paint on cloth, blotter, pad Razor or stencil knife, sten- cil brushes, glass surface, spatter gun, tooth brush, wire screen	
Weaving Looms & over Frames Cardweaving Finger weaving	9-15	Woolen yarns, carpet warp, cords and twines, cotton yarn, raffia, jute, linen, beads, cardboard, small stick (pencil) Looms, frames, shuttles, tap- stry needles	Scarfs, purses, belts, nap- kins, place mats, pillow tops, pot holders, hot pads, book marks, rugs
Wood building	9-14	Scraps of wood (3-ply wood) paint (oil or water) Hammer, nails, saw, coping saw, rasp, vise, brushes	Toys, bird and animal cut- outs, bookends, letter hold- ers, bird houses, scrap books, feeding houses, etc.



We carry such items as: Copper Pieces, Kilns, Enamels, Bangles, Clasps, Chains, Ear Mtg's., Ring Shanks, Gallery Wire, Pin Backs, Cuff Link Backs, Necktie Holders, Jump Rings, Foil back Stones, Coin Mtg's., Sheet Silver, Beads, Crucifixes and Joiners, Jewelry Cards and Boxes, Wire, Vises, Mallets, Files, Pliers, Tweezers, Saw Frames and Blades, Polishing Compounds and Solders.

The CRAFTSMAN CATALOGUE mailed on request to Camp Directors and Counselors.

The NEWALL MFG. COMPANY
139 N. WABASH AVENUE
CHICAGO 2, ILL.



ARCHERY INFORMATION

In laying out a target range, it is usually preferred to shoot north, as in that manner the sun is seldom in a position to be a disadvantage to the archer. Ranges may be located in wooded areas; however, this is not always advisable as shadows sometimes make it difficult to follow the course of an arrow in flight.

Terrain should be as level as is possible. Width available will determine the number of targets that can be accommodated; as safety is the first consideration, experts recommend never to place targets at distances of less than 15 feet apart. Instruction line for beginners is 10 yards from target. Lines for more experienced archers are at 30, 40 and 50 yards.

A clear distance behind targets of from 10 to 20 yards is advisable; this area should be free from large stones, stumps, trees or other objects that might damage arrows which fail to hit targets.

BOWS—Recommended bow-woods include yew, osage orange, hickory and lemonwood, with the first two rated best. Yew has a smooth, delightful cast, and is an excellent all-round bow-wood. Osage orange is a tough, durable wood of very fast cast; it is recommended for hunting bows, although many use it on the target. Lemonwood is the commonest bow-wood; it makes an efficient and serviceable bow. Hickory makes

a very durable bow and when made of well selected seasoned stock it gives good performance.

ARROWS—The two most commonly used arrow woods are Port Orford Cedar and Birch. Port Orford Cedar is used because of its excellent spine and its ability to stay straight even after a great amount of shooting.

Metal arrows have come into considerable use in recent years. They have the advantages of great spine and lighter weight; and the disadvantage of being somewhat difficult to straighten when bent.

SIZE OF EQUIPMENT—It is important that archers use arrows of correct length; length of bow used depends upon arrow length. Proper arrow length for any camper can easily be determined. Have the camper raise both arms level with his shoulders and extend them as far as possible to the side. Measure the camper's total "spread." Then refer to the figures given below and select the length of arrow and bow which most nearly correspond to the camper's spread.

Spread Measurement	Arrow Length	Suggested Bow Length
57-59"	22-23"	not under 4' 6"
63-65"	24-25"	" " 5' 0"
69-71"	26-27"	" " 5' 6"
75-77"	28-29"	" " 5' 9"

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Here's an easy, inexpensive way to delight campers and thus increase enrollments this summer. Set up a safe rifle range, (using .22's, pneumatic air rifles or spring-type "air" guns) — and feature the NRA popular Summer Camp Shooting Program.

It's a program your campers will welcome. For, traditionally, boys and girls find rifle shooting a thrilling, stimulating sport. Only a small investment is required.

Over 1100 summer camps use the "complete-package" shooting program, offered by the NATIONAL RIFLE ASSOCIATION. It includes range construction plans, instructor placement service, instruction manuals and camper handbooks, plus a whole series of qualification awards and competitive matches for teams and individuals alike.

The cost? Only \$5.00 for the complete package. Your NRA charter entitles your camp to these and many other important benefits and services.

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CAMP
SECTION

NATIONAL RIFLE ASS'N

1601 Rhode Island Avenue, N. W., Washington 6, D. C.

RIFLERY POINTERS

Shooting a gun is always one of the most popular activities for campers of all ages—both boys and girls. Many National Rifle Association affiliated camps of long standing have added a 15-foot program using spring type air rifles for campers ranging in age up to 10 years; then making use of the intermediate range of 25-feet and the pneumatic or CO₂ air rifle. These activities permit younger campers to earn nationally recognized awards similar to the shooting awards won by older campers using the 50-foot range and .22 caliber rifles for the maximum in accuracy.

Distance—Most campers will want to fire .22 caliber rifles on the 50-foot range. All distances specified are measured from the firing line to the face of the paper target. 15-foot (spring type air rifles) and 25-foot (pneumatic and CO₂ guns) ranges may be located in the general vicinity of the .22 range, but for the sake of safety, it is advisable that younger campers have their own ranges elsewhere. Both the 15-foot and 25-foot ranges can easily be set up indoors in one of the camp buildings.

Direction—Direction of fire on outdoor ranges should, if possible, be north or northeast. This permits firing at any time of the day without sun shining into the eyes of the shooters or range officer.

Safety—Locate the range where campers will not wander into the field of fire while engaged in other camp activities. All "Blind" approaches to the field of fire should be fenced and warning signs generously distributed. When in doubt about any safety factor apply the rule of "Safety First." If air rifle firing is done on an indoor range, similar precautions should be taken.

Expense—Rifle range construction need not be expensive. Materials are fairly cheap and easily obtainable. Labor involved will probably be the largest item.

Air rifle programs are comparatively less expensive to install and operate than .22 shooting because of the smaller range, less elaborate backstops, and lower cost of guns and ammunition.

Firing Line—Firing points on an uncovered firing line are graded so that the side toward the target is raised

about 10 inches and slopes back to level ground at a point six to ten feet in the rear. Firing points are designated by 2x4 inch white stakes with black numerals corresponding with target numbers. Each shooter takes his place just to the right of the stake.

The firing line should be level from one side to the other, with a minimum of five feet between firing points. It should be sodded or sown with some kind of tough grass to make it clean and comfortable.

Backstops—The only satisfactory natural backstop for .22 firing is a hill of fairly good size, with a crest not less than 30 feet above the level of the firing point. The hill should rise about one foot for each two feet along the horizontal. Brush which might obscure the view of campers on the firing line should be cleared away to the crest of the hill or at least 100 yards up a large hill from targets and at least 50 yards on each side of targets. A cut should be taken in the hillside behind targets to provide a perpendicular face to catch bullets and prevent ricochetting.

Do not use as backstops stone fences; stone piles; the sheer, unprotected face of a quarry; brick, stone or concrete walls; piles of logs or railroad ties; standing timber; or a stream or lake which is navigable within 1,500 yards of the firing line.

There are two main types of satisfactory artificial backstops for a .22 range. One uses metal plates at least $\frac{1}{4}$ " thick placed at an angle of 45 degrees to the firing line so the bullets deflect downwards into the ground—much like the usual indoor range. The other is an earthen embankment pushed up by a bulldozer to a height of not less than eight feet, depending entirely on the type of terrain behind the backstop.

Backstops for spring type air rifles, both indoors and out may be made of corrugated boxes tightly stuffed with crumpled newspapers; however, a sheet of $\frac{1}{4}$ " plywood placed at a slight angle so the BB's will glance downwards, will last an entire season and can be painted for a more attractive range. Such a

Why You Should add Riflery to Your Camp Activities



Youngsters Want
to Learn to Shoot
SAFELY!

Rifle shooting is and always has been a vital part of our American Heritage. Every youngster should have the opportunity to develop his shooting skill and enjoy the thrill of this inherently American sport! Add Riflery, and your camp may provide the only opportunity many youngsters will have to learn to shoot. Learning the safe way to handle firearms is a lifetime lesson your campers will always remember.

Riflery belongs on your schedule of camp activities. Today's camp directors know the value of having many diversified and "wanted" sports activities in which boys and girls of most every age can participate. More than 800 camps are participating in the complete Riflery program provided by the National Rifle Association. Thousands of boys and girls proudly display NRA medals signifying their shooting skill.

Send now for the complete set of *free* booklets which describe how easily you can add supervised Riflery to your program of 1955. Read why, for greatest trouble-free economy through the years, it pays to equip your camp with 22 rifles bearing the name WINCHESTER, symbol of shooting supremacy.

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WORLD-FAMOUS 22 RIFLES

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backstop would not be safe for pneumatic or CO₂ rifles as the pellets strike with considerably more force. For these rifles, one needs to use light steel or the earthen backstop.

The **Target Butt** most easily constructed and most efficient in use (where target carriers are not used) consists merely of posts planted in the ground immediately in front of the backstop and about eight feet apart. Frames holding targets are hung from tenpenny nails or hooks driven into these posts. Two sets of nails should be provided on 50-foot ranges. One set should hold targets level with the eyes of the shooter of average height when in standing position, the other should hold targets slightly higher than the level of a shooter's eyes when in the prone position.

Target frames to hold targets are easily and quickly made from one by three inch dressed material. They are about eight feet in length and about 15 inches in height. To the top of the frames fasten squares of wood or tin painted alternately black with white

numerals and white with black numerals. Target numbers should be spaced at least 18 inches apart and numbered from left to right to correspond with firing-point numbers. Under each numeral nail a rectangular piece of pressed wood, beaver board or such material. Targets may be easily and quickly attached by spring or clip clothespins.

Extreme caution should be exercised in exchanging a frame with unfired targets for one with fired targets. The firing line should be cleared of shooters before this change is made.

Official NRA targets for the 15-foot air rifle, 25-foot program and the .22 caliber rifle 50-foot range may be purchased from either of two sources if local sporting goods stores do not have them in stock—National Target Co., 1255—25th Street, N. W., Washington 7, D. C. or Western Target Co., 63 Second Street, San Francisco 5, Calif.

The NRA air rifle program is set up for spring-type air rifles which are limited in power by having their spring permanently pre-set at the factory.

Source: National Rifle Association.

An Accurate 22 cal.
TARGET RIFLE
Ideal for
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Here is an excellent, low-cost target rifle. Has 7-shot clip-type magazine, new adjustable hand stop and heavy barrel, adjustable trigger pull, grooved trigger and many other features usually found only on high price models.

This is model advertised to Boy Scouts and used by thousands of youngsters. Has safest type of red and green "stop and go" safety mechanism.

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JUNIOR AIR RIFLERY FOR CAMPS COSTS ALMOST NOTHING TO START and KEEP UP!



(Above) Stephen Wages (6) posing with his Daisy behind "no cost" grocery carton target-backstop. Cartons stuffed with tightly crumpled newspapers, corrugated sheets, etc., are used by many camps, clubs. Stephen is now shooting to earn his third NRA junior air rifle Sharpshooter Bar.

(Right) Girls enjoy air riflery, too, in camp, school, club. Girl in center has won every NRA junior air rifle award except top "Distinguished Air Rifeman" medal which she is now going after. View shows members of Hickory Street (Omaha, Neb.) Junior Air Rifle Club. Instructor: Richard Stork.

SAFEST TRAINING GUNS Of Their Kind BECAUSE: A Daisy is not a pneumatic or compressed air gun. It can't be "pumped up" to increase power. It IS a low "factory-limited" power short range spring-type air rifle—safely used by millions since 1888.



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Dept. D-305 • Plymouth, Michigan, U. S. A.



"Cubs" at Camp Fairwood, Lake, Michigan, are taught the principles of gun handling and marksmanship with the Daisy spring-type air rifle.

Daisy's "packaged" Junior Air Riflery Camp Program—now used by hundreds of camps and such outstanding schools as Culver Summer Schools—is something you need this summer! Ideal for every camp not having a high-power rifle program or a rifle range. Also perfect for camps already having .22 programs. Junior Air Riflery is real fun—teaches marksmanship to boys and girls 6 to 14. Send coupon for illustrated Circular, Special Introductory Camp Offer.



PROGRAM FEATURES

1. **NO RIFLE RANGE NEEDED!** Use any 20 foot space indoors or outdoors; corrugated cartons for backstops!
2. **NO AIR RIFLES TO BUY!** Most campers own Daisys or borrow one. Even new guns cost camps as little as \$3.05 each!
3. **INEXPENSIVE AMMUNITION, TARGETS—100 shots for 5¢!**
4. **OFFICIAL 15-FOOT NRA QUALIFICATION AIR RIFLE COURSES** permit campers shooting Daisys to earn official NRA medals, etc.
5. **BIG SALES APPEAL!** Offer America's 66-year old FAVORITE JUNIOR SPORT to campers!

MAIL COUPON FOR Free Circular!

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Send Special Introductory Offer, Circular on successful Junior Air Riflery Camp Program.

NAME.....

ST. & NO.

CITY..... STATE.....

Camp has NO rifle program. HAS rifle program. No. Campers..... Boys _____ Girls _____

Camp Opens Closes
Write COMPLETE NAME, ADDRESS OF YOUR CAMP on page margin! Thanks.

GRADED TESTS OF CAMPING

Campcrafter

Help prepare a good safe place for an outdoor fire. Gather tinder, kindling and fuel, and light a foundation fire, keep it burning for three minutes.

Cook, so it looks and tastes good, one thing like toast and one thing like cocoa or a one pot dish.

Show that you know how to care for and use a knife, and make something like shavings, a toasting stick or pin, with a knife you have sharpened.

Show that you know how to make and use two knots.

Have your own hiking kit, for outdoor meals, and know how to take good care of it.

Help make plans for a picnic, hike, or cookout, including what to take, where to go, what to do, etc.

Go on a two-mile hike. Show that you know how to dress properly to go outdoors in your locality and how to hike on the open road.

Show that you know three rules of good outdoor citizenship for your part of the country.

Get acquainted with something in nature—a tree, a bird, an animal, etc. Observe it. Watch a sunrise, a sunset, or a storm gathering.

Know how to find NORTH by stars and by the sun.

Find a story, a poem, picture, etc., that describes something you like in the out of doors.

Pioneer

Tell six points of fire safety for your locality. Show that you can build two types of fires, such as criss cross and tepee, and know when they are used.

Cook successfully by two different types of cooking—broiling, baking, etc. Plan a well balanced meal using the two types.

Show that you know how to get fuel for a woodpile, using a bucksaw and sawbuck, or similar tools used in your locality. Help make a woodpile.

Show that you know how to make and use two types of lashings.

Add something to your own camping equipment, such as a poncho, sleeping bag, knapsack and know how to use and care for it.

Help make plans for a day's trip with one meal cooked out, planning how to pack, carry and take care of food.

Go on a hike, properly equipped, carrying own equipment, food, etc., for a day's trip with one meal on the trail.

Show that you know three points of conservation of natural resources for your locality. Do something to help conservation.

Choose some things in nature to learn more about. Learn several general facts about them, and several specific facts about some you have observed.

Know how to set and sight with a compass.

Know a good hiking song and a song about the out of doors.

SKILLS

Source: Catherine T. Hammett, from "Your Own Book of Campcraft," published by Pocket Books, Inc.

Woodcrafter

Help with a fire for a beanhole, a barbecue or some special cookout. Lay a fire in an outdoor fireplace and light it successfully.

Cook successfully by two new types of cooking you have not shown before, such as reflector baking, aluminum foil cooking, dutch oven baking, etc.

Show that you know how to care for and use a small axe (handaxe or two-handed axe). Split a small log into kindling.

Know the knots to use in tying a blanket roll, or a pack.

Show that you know how to pack a pack or a pack basket, make a blanket roll or envelope bed, or whatever is used in your locality. Tell the group about some favorite piece of equipment.

Help make plans for a two-meal trip, including well-balanced meals, equipment, etc. And

go on it.

Learn how to get around the country, in whatever way is generally used in your locality (hiking, canoeing, etc.)

Show that you know five things a camper can do to protect living things. Help something grow.

Learn something new about nature from reading a book, talking with a nature enthusiast, or observation. Share your knowledge with your group.

Know how to follow a map and how to make a simple sketch map.

Read a story or article about some outdoor project, hobby, activity or interesting happening, or take or sketch some outdoor pictures.

Old Settler

Lay a ceremonial campfire—and light it successfully (later) or know something more about the types of fires used in your locality.

Help plan and cook an outdoor meal without adult supervision.

Show some kind of progression in using tools used in your locality. Show you know good conservation in carrying out your project.

Make a belt, a net, a splicing, or some article using knots and lashings.

Help pitch a wall tent, or help make an overnight camping site.

Help plan and carry out a two or three-day trip. And

go on it (perhaps it will be by horseback, by bicycle, on foot, in canoes).

Know the "conservation pledge" and learn something of the work of your state and federal conservation and forestry services.

Keep a nature diary for several weeks making daily entries of things you see and hear that interest you.

Go cross-country with map and compass for at least a mile.

Tell a story, teach a song, plan a ceremony or campfire activity about the outdoors.

CAMP PHOTOGRAPHY PLANS

Basic essentials for a camp photography program are only two:

1. Simple, sturdy cameras (campers' own or supplied by camp.)
2. Film.

With nothing more than these, camps can carry on a fine picture taking program and help campers increase their keenness of observation and ability to make worth-while story-telling photographs. For example, there are almost limitless opportunities in:

1. Nature subjects, including plants, animals, and time exposures of stars and moon, etc.
2. Pictorial progress reports on camp projects, showing their stages from start to finish.
3. Pictorial reports on individual campers' skills in many camp activities; these when carefully studied by camp-

er and counselor can considerably aid technique improvement.

4. Memento pictures of outstanding camp activities, buildings, campers, staff, etc.

Addition of two relatively inexpensive camera attachments will greatly increase picture-taking scope. These are:

1. A flash attachment, which enables picture taking indoors, at night, and in poorly lit areas during the day.
2. Supplementary lens attachment for taking pictures at closer than the 5 to 6 foot limit of most inexpensive cameras.

After campers have learned how to take worthwhile photographs, their interest can be maintained by introducing them to photo development and printing. For these activities a simple darkroom will be desirable. Equipment required for a small darkroom is as follows:

FILM DEVELOPMENT

Minimum Equipment

Darkroom lamps
Three Enamelled trays
Timer
Tray thermometer
Graduate
Six junior film clips
Glass stirring rod

Overhead wire with spring-clip clothespins for drying films

Wastebasket

Other Useful Equipment

Day-loading tank for 33mm magazine
Three hard rubber tanks 4 x 5-inch with eight sheet film developing hangers
Darkroom ventilator
Photo chamois

CONTACT PRINTING

Minimum Equipment

Auto-mask printing frame
Enamelled tray, 16 x 20 or
20 x 24 inches

Other Useful Equipment
All-metal printer

Automatic tray siphon
Senior trimmer
Ferotype plates
Print roller or squeegee
Photo blotter roll

A new method of contact printing, made possible by Kodak Velite Paper, may be of interest to camps. This paper allows prints to be made under regular lighting or daylight. Velite comes in one grade suitable for average negatives.

ENLARGING

Minimum Equipment

Portable miniature enlarger or precision enlarger
Three enameled trays

Other Useful Equipment
Masking paper board
8 x 10 enlarging easel
Print paddle

CHOOSING MOVIES

1. If your camp budget is limited, it is preferable to have better movies less frequently than to have poor movies often.

2. Select and screen all movies to insure suitability. Criteria for such selection might include: Will it be of interest to all age groups in camp? If not, can there be a substitute program for ages not covered? Does the film respect human dignity? Is it morally of high quality? (Many of the older films

There are many free or inexpensive films available, geared for children. This scheduling should be done well in advance so that the camp is assured of a film of this type for showing each time a movie activity is held. Many of these films present ideas on health, girl-boy relationships, manners, respect for others, safety, nature-lore, sportsmanship and democracy.

4. Camp movie programs, in addition to providing opportunity for showing educational films, can be an integral part of the total camp program. Camping in other lands could be the theme of one of the movie programs and perhaps lead to the adoption of new ideas in your camp program. Special films for use in connection with nature, craft, waterfront, etc., programs are also available.

5. Try scheduling movies as only a part of an evening program. Use films as a springboard for a discussion of camp rules and regulations or to in-program might be a good one to give individual recognition to new campers, introduce staff members or present awards.

Based on articles published in Camping Magazine.



were made before the establishment of censorship.)

3. Each movie program could well include a short cartoon or film aimed specifically at education and guidance, particularly suited to a camp setting.

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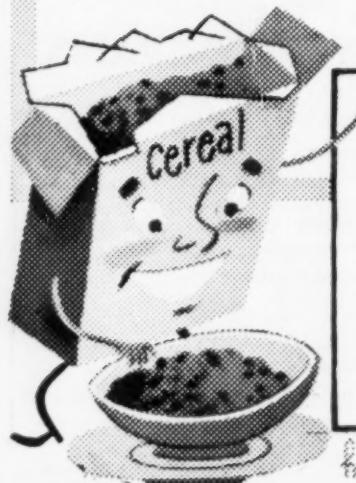
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BOOKS FOR CAMP LEADERS

Addresses of publishers are listed in the index beginning on page 137.

Administration

ACA CAMP STANDARDS, American Camping Assn., \$10.

ADMINISTRATION OF THE MODERN CAMP, edited by Hedley S. Dimock, Association Press, \$4.00.

THE BOOK OF CAMPING, by Robert Rubin, Association Press, \$2.00.

CAMPING—BLUE BIRD STYLE, Camp Fire Girls, Inc., \$1.50.

CAMPING AND CHRISTIAN GROWTH, by Lynn and Campbell Loughmiller, Abingdon Press, \$1.50.

CAMPING AT THE MID-CENTURY, by Robert E. McBride, American Camping Assn., \$1.00.

CAMPING WITH PURPOSE, by Marie Lafferty Cortell, Morrow, \$3.00.

CAMPS AND THEIR MODERN ADMINISTRATION, by Hazel K. Allen, Morrow, \$1.50.

THE ESTABLISHED CAMP BOOK, Girl Scouts of the U.S.A., \$2.50.

HANDBOOK OF YMCA CAMP ADMINISTRATION, edited by Ledlie and Roehm, Association Press, \$4.50.

COMMITTEE COMMON SENSE, by Audrey and Harleigh Trecker, Wm. Morrow & Co., \$2.50.

HOW TO WORK WITH YOUR BOARD AND COMMITTEES by Louis H. Blumenthal, Association Press, \$1.00.

RESIDENT CAMP STANDARDS, compiled and published by Camp Fire Girls, Inc., \$75.

SOCIETY, DEMOCRACY AND THE GROUP, by Alan F. Klein, Morrow, \$4.00.

THE THEORY OF CAMPING, by Frank Irwin, A. S. Barnes, \$3.00.

Arts and Crafts

AMATEUR HANDCRAFT, by F. Clarke Hughes, Bruce, \$2.75.

AMERICAN INDIAN BEADWORK, by Hunt and Burshears, Bruce, \$5.50.

APPLIED LEATHERCRAFT, by Chris H. H. Groneman, Chas. A. Bennett Co., \$3.95.

THE AUDUBON BOOK OF BIRD CARVING, Lacey and McBride, McGraw-Hill, \$4.00.

BEN HUNT'S WHITTLING BOOK, by W. Ben Hunt, Bruce, \$3.25.

BIRD HOUSES, by E. Day Perry and Frank Slepica, Chas. A. Bennett Co., \$1.75.

BLOCK PRINTS, HOW TO MAKE THEM, by William S. Rice, Bruce, \$3.00.

THE BOOK OF ARTS & CRAFTS, by Marguerite Ickis and Reba S. Esh, Association Press, \$4.95.

CRAFT ADVENTURES FOR CHILDREN, by Grimm and Skeels, Bruce, \$2.00.

CREATIVE CERAMICS, by Katherine M. Lester, Chas. A. Bennett Co., \$4.25.

CREATIVE CRAFTS IN WOOD, by Michael C. Dank, Chas. A. Bennett Co., \$2.95.

CREATIVE HANDS, by Cox and Warren, John Wiley & Sons, \$6.50.

EASY CRAFTS, by Ellsworth Jaeger, Macmillan, \$2.49.

FELTCRAFT, American Handicrafts Co., Inc., \$50.

THE FLAT BOW, by Hunt and Mets, Bruce, \$.90.

FUN WITH SCRAPS, by Viola Hening, Bruce, \$3.00.

FUNDAMENTALS OF LEATHERCRAFT, by Ross C. Cromlet, Bruce, \$1.50.

GENERAL LEATHERCRAFT, by Raymond Cherry, McKnight & McKnight, \$1.50.

GREEN BOOK OF DESIGNS, American Handicrafts Co., Inc., \$1.00.

HAND WEAVING, by Harriette J. Brown, Harper and Bros., \$4.50.

HANDICRAFT — SIMPLIFIED PROCEDURE AND PROJECTS, 9th ed., by Lester Griswold, Prentice-Hall, \$5.50.

HOW TO MAKE POTTERY by Muriel P. Turoff, Crown, \$2.95.

INDIAN AND CAMP HANDICRAFT, by W. Ben Hunt, Bruce, \$3.00.

INDIANCRAFT, by W. Ben Hunt, Bruce, \$3.25.

KEEPING IDLE HANDS BUSY, by Marion R. Spear, Burgess, \$2.00.

JOHN LACEY'S BOOK OF WOODCARVING, by John Lacey, Prentice-Hall, Inc., \$2.95.

BOOKS FOR CAMP LEADERS

- LEATHERCRAFT IS FUN, by *Elise Mannel*,
Bruce, \$2.50.
- LET'S MAKE A LOT OF THINGS, by
Harry Zarchy, Knopf, \$3.00.
- LET'S WHITTLE, by *Leroy Pynn, Jr.*,
Chas. A. Bennett Co., \$2.60.
- MAKE IT YOURSELF, by *Bernice Carlson*,
Abingdon Press, Cloth \$2.00,
Paper \$1.35.
- METAL FOIL TOOLING BOOK OF DESIGNS, American Handicrafts Co., \$1.00.
- MODERNISTIC CHIP CARVING, by *Vic Mankin*, Bruce, \$1.25.
- NATURE CRAFTS, by *Ellsworth Jaeger*,
Macmillan, \$2.49.
- ORNAMENTAL TINCRAFT, by *Chris H. Groneman*, Bruce, \$3.00.
- PICTURE TAKING IN CAMP, Eastman Kodak Co. \$25 (from local dealers)
- PHOTOGRAPHY IN CAMP, Eastman Kodak Co. No charge.
- PHOTO TIPS FOR SIMPLE CAMERAS, Eastman Kodak Co. \$25 (from local dealers)
- POTTERY WITHOUT A WHEEL, by *Keith Tyler*, Chas. A. Bennett, \$1.50.
- SIMPLE BRACELETS, by *J. W. Bollinger*,
Bruce, \$2.50.
- THINGS TO MAKE FROM ODDS AND ENDS, by *Jessie Robinson*, Appleton-Century-Crofts, \$2.00.
- TIN THINGS WE LIKE TO MAKE, by
Sherman R. Cook, Bruce, \$2.75.
- USE OF NATIVE CRAFT MATERIALS, by
Margaret Shanklin, Chas. A. Bennett, \$2.45.
- WATER-COLOR PAINTING IS FUN, by
Frank A. Staples, McGraw-Hill, \$4.00.
- WEAVING HANDCRAFT, by *Marthann Alexander*, McKnight & Mc Knight, \$1.25.
- WHITTLING AND WOODCARVING, by *E. J. Tangerman*, McGraw-Hill, \$6.00.
- WOOD CARVING MADE EASY, by *J. I. Sowers*, Bruce, \$2.25.
- WOODWORK FOR THE BEGINNER, by
Franklin H. Gottshall, Bruce, \$4.00.
- YOU CAN WHITTLE AND CARVE, by *Gottshall and Hellum*, Bruce, \$3.00.

Campcraft (See Woodcraft)

Camper Development

- A BOY GOES UP, by *Harry C. McKown*, McGraw-Hill, \$4.00.
- THE DISCIPLINE OF WELL ADJUSTED CHILDREN, by *Landon and Stout*, John Day Co., \$3.75.
- A GIRL GROWS UP, by *Ruth Fedder*, McGraw-Hill, \$3.50.
- TOWARD THE UNDERSTANDING OF YOUTH, by *John Hoyle*, Ontario Council of Christian Education, \$.50, plus \$.10 bank exchange for out-of-town checks.
- UNDERSTANDING BOYS, by *Clarence G. Moser*, Association Press, \$2.50.
- YOUR CHILD AND HIS PROBLEMS, by *Joseph D. Teicher*, Little, Brown & Co., \$3.75.

Crafts

(See Arts and Crafts)

Day Camping

- GUIDE FOR DAY CAMPING, compiled and published by Camp Fire Girls, Inc., \$35.
- GUIDE FOR TRAINERS OF DAY CAMP DIRECTORS, Girl Scouts of U.S.A., \$50.

Development, Camp

- CAMP SITE DEVELOPMENT, by *Julian H. Salomon*, Girl Scouts of the U.S.A., \$5.00.
- CAMP SITES AND FACILITIES, prepared and published by the Boy Scouts of America, \$2.50.
- A CENTRAL CAMP BUILDING FOR ADMINISTRATION AND FOOD SERVICE, by *Loper, Proud, Carlson and Hoff*, Cornell Univ., \$25.

Dramatics

- CREATIVE PLAY ACTING, by *Isabel B. Burger*, A. S. Barnes, \$3.00.
- HEALTH AND SAFETY PLAYS AND PROGRAMS, by *Aileen Fisher*, Plays, Inc., \$3.50.
- LITTLE PLAYS FOR LITTLE PLAYERS, by *Sylvia E. Kamerman*, Plays, Inc., \$2.75.
- MODERN COMEDIES FOR YOUNG PLAYERS, by *Hark and McQueen*, Plays, Inc., \$3.50.

ONE-ACT PLAYS FOR ALL-GIRL CASTS, by *Marjorie B. Paradis*, Plays, Inc., \$2.50.

ON STAGE, FIVE CAMP PLAYS WITH A PURPOSE, by *Elaine and Douglas Monahan*, Character Craft Publications \$75.

THE RHYTHM OF THE REDMAN, by *Julia M. Buttree*, A. S. Barnes & Co., \$5.00.

SHORT PLAYS FOR ALL-BOY CASTS, by *Vernon Howard*, Plays, Inc., \$3.00.

UNITED NATIONS PLAYS AND PROGRAMS, by *Aileen Fisher and Olive Raab*, Plays, Inc., \$3.50.

Food

BUYING FOOD FOR YOUR CAMP, by *Agnes C. Foley*, Cornell Univ., No charge.

CAMP COOKERY, by *Horace Kephart*, Macmillan, revised edition, \$1.75.

CAMP FOOD SERVICE MANAGEMENT, by *Dorothy Proud*, Cornell Univ., \$25.

A CENTRAL CAMP BUILDING FOR ADMINISTRATION AND FOOD SERVICE, by *Loper, Proud, Carlson and Hoff*, Cornell Univ., \$25.

CHEF'S GUIDE TO QUANTITY COOKERY, by *J. H. Breland*, Harper & Bro., \$6.50.

THE COMPLETE MEAT COOKBOOK, by *Beth Bailey McLean and Thora Hegstad Campbell*, Chas. A. Bennett Co., \$5.95.

COOKING OUT-OF-DOORS, Girl Scouts of U. S. A., \$1.00.

FOOD COST CONTROL, by *J. O. Dahl*, Dahl, revised edition, \$1.00.

FOOD AND NUTRITION MANUAL FOR INSTITUTIONS, by *Margaret M. Walsh*, Welfare Federation of Cleveland, \$2.00.

KITCHEN PLANNING FOR QUANTITY FOOD SERVICE, by *Arthur W. Dana*, Harper & Bros., \$5.00.

MENU MAKING FOR PROFESSIONALS IN QUANTITY COOKERY, by *J. O. Dahl*, Dahl, \$4.50.

ONE-POT COOKERY, by *Eidola J. Bourgaize*, Association Press, \$2.50.

THE OUTDOOR CHEF, by *Paul W. Handel*, Harper & Bros., \$3.00.

QUANTITY RECIPES, by *Marion Wood and Katherine Harris*, Cornell Univ., \$1.00.

Games

(See Sports and Games)

General

CAMPING TIPS, by *Douglas Monahan*, Ill. Area Council YMCA, \$50 ea., \$4.00 per doz.

DANCES AND STORIES OF THE AMERICAN INDIAN, by *Bernard S. Mason*, A. S. Barnes, \$5.00.

THE FIELD OF RECREATION, by *Walter L. Stone*, Wm.-Frederick Press, \$1.00.

INTO THE WORLD (facts of reproduction in nature and humans for children nine to 12), by *Emerson and Thompson*, Morrow, \$2.50.

THE RECREATION PROGRAM, *The Athletic Institute*, \$3.00.

SUMMER'S CHILDREN (photographic view of life at camp), by *Barbara Morgan*, Morgan and Morgan, \$5.00.

SUMMER MAGIC (interpretation of camping), by *Kenneth and Susan Webb*, Association Press, \$2.50.

TEEN DAYS (physiological and social guide for 13 to 16-year-olds), by *Frances Bruce Strain*, Appleton-Century-Crofts, \$3.00.

Health, Safety and Sanitation

CAMP SAFETY DIGEST, compiled and published by Center for Safety Education, New York Univ., \$.50, 10% discount on 10 or more.

CAMP SANITATION GUIDE, by *Arthur W. Silverstone*, Bead Publ. Co., \$1.00.

THE NURSE IN THE CAMP PROGRAM, by National Organization for Public Health Nursing, available from American Camping Association, \$.50.

Leadership

CAMP COUNSELING, by *Mitchell and Crawford*, W. B. Saunders, \$4.75.

THE CAMP COUNSELOR, by *Benson and Goldberg*, McGraw-Hill, \$4.75.

CAMP COUNSELOR TRAINING WORKBOOK, by *Hartwig and Peterson*, Burgess, \$2.50.

THE CAMP COUNSELOR'S MANUAL, by *Ledlie and Holbein*, Association Press, \$.75.

A CAMP DIRECTOR TRAINS HIS OWN STAFF, by *Catherine T. Hammett*, American Camping Assn., \$.50.

CAMP LEADERSHIP COURSES FOR COLLEGES AND UNIVERSITIES, American Camping Assn., \$1.00.

COUNSELING WITH YOUNG PEOPLE, by

BOOKS FOR CAMP LEADERS

- C. Eugene Morris, Association Press, \$3.00.
- IT'S WISE TO SUPERVISE, by Klein and Haladner, Canadian Camping Assn., \$7.50, plus \$.15 bank exchange for out-of-town checks.
- NEW WAYS IN DISCIPLINE, by Dorothy Baruch, McGraw-Hill, \$3.50.
- READINGS IN COUNSELING, edited by Karl P. Zerfoss, Association Press, \$6.00.
- RECREATION, by Ferd J. Lipovetz, Burgess, \$4.50.
- THE RECREATION LEADER, by E. D. Harbin, Abingdon Press, \$1.50.
- RECREATION LEADER'S HANDBOOK, by Richard Kraus, McGraw-Hill, \$4.75.
- RECREATION LEADERSHIP, by Walter L. and Charles G. Stone, Wm.-Frederick Press, \$2.00.
- SO YOU WANT TO BE A CAMP COUNSELOR, by Elmer F. Ott, Association Press, \$7.50.
- TALKS TO COUNSELORS, by Hedley S. Dimock and Taylor Statten, Association Press, \$7.50.
- TRAINING FOR OUTDOOR LEADERSHIP, Girl Scouts of U.S.A., \$3.50.
- LET'S HAVE MUSIC, edited by Music Committee, National Board, YWCA, \$7.50.
- SING ALONG THE WAY, compiled and published by National Board, YWCA, \$4.00.

Nature

- THE AMATEUR NATURALIST'S HANDBOOK, by Vinson Brown, Little, Brown \$3.50.
- AMERICAN WILDLIFE AND PLANTS, by Martin, Zim and Nelson, McGraw-Hill, \$8.00.
- AUDUBON WATER-BIRD GUIDE, by Richard H. Pough, Doubleday, \$3.50.
- BEGINNER'S GUIDE TO SEASHORE LIFE, by Leon A. Hausman, G. P. Putnam, \$2.00.
- BEGINNER'S GUIDE TO WILD FLOWERS, by Ethel Hinckley Hausman, G. P. Putnam, \$3.50.
- BIRDS (FAMILIAR AMERICAN) by Zim and Gabrielson, Simon and Schuster, cloth \$1.50, paper \$1.00.
- BIRDS AND THEIR WORLD, by Fenton and Pallas, The John Day Co., \$2.75.
- BIRDS AS INDIVIDUALS, by Len Howard, Doubleday, \$4.00.
- THE BOOK OF NATURE HOBBIES, by Ted Pettit, Didier, N.Y., \$3.50.
- BOY'S BOOK OF SNAKES, by Percy A. Morris, Ronald Press, \$3.50.
- CONSERVATION IN CAMPING, edited by R. Alice Drought, American Camping Assn., \$1.00.
- FIELD BOOK OF NATURAL HISTORY, by E. Laurence Palmer, McGraw-Hill, \$8.00.
- FIELD BOOK OF NATURE ACTIVITIES, by William Hillcourt, G. P. Putnam's Sons, \$3.95.
- FIELD GUIDE TO THE BIRDS, by Roger Tory Peterson, Houghton-Mifflin, \$3.75.
- A FIELD GUIDE TO THE BUTTERFLIES OF NORTH AMERICA, by Alexander B. Klots, Houghton-Mifflin, \$3.75.
- A FIELD GUIDE TO THE MAMMALS, by Burt and Grossenheimer, Houghton-Mifflin, \$3.75.
- A FIELD GUIDE TO ROCKS AND MINERALS, by Frederick Pough, Houghton-Mifflin, \$3.75.
- A FIELD GUIDE TO THE SHELLS OF OUR ATLANTIC AND GULF COASTS, by Percy A. Morris, Houghton-Mifflin, \$3.75.

Literature

- CAMPFIRE ADVENTURE STORIES, by Allan A. Macfarlan, Association Press, \$2.95.
- ERNEST THOMPSON SETON'S AMERICA, edited by Farida A. Wiley, Devon-Adair Co., \$5.00.
- THE HORN BOOK (magazine guide to children's books), The Horn Book, Inc., \$4.00, per year.
- STORIES TO GROW BY, edited by J. Edward Lantz, Association Press, \$2.95.
- TWENTY TEPEE TALES FOR "Y" INDIAN GUIDES, by Lotz and Monahan, Association Press, \$7.50.

Music

- ACA SONG BOOK, American Camping Assn., \$.20 (bulk prices available.)
- A BOOK OF NEGRO SONGS, compiled by Janet E. Tobitt, Girl Scouts of U.S.A., \$.45.
- THE DITTY BAG, compiled by Janet E. Tobitt, Rafter Crafters, \$.85.
- FIRESIDE BOOK OF FOLK SONGS, Simon and Schuster, \$5.00.

- FIND THE CONSTELLATIONS, by *H. A. Rey*, Houghton-Mifflin, \$3.00.
- FLOWERS (American wildflowers), by *Zim and Martin*, Simon and Schuster, cloth \$1.50, paper \$1.00.
- THE GOLDEN TREASURY OF NATURAL HISTORY, by *Bertha M. Parker*, Simon and Schuster, \$5.00.
- HOW TO KNOW THE BIRDS, by *Roger Tory Peterson*, Houghton-Mifflin, \$2.00.
- HOW TO MAKE A HOME NATURE MUSEUM, by *Vinson Brown*, Little, Brown & Co., \$2.50.
- IN PONDS AND STREAMS by *Margaret Waring Buck*, Abingdon Press, \$3.00.
- IN WOODS AND FIELDS, by *Margaret W. Buck*, Abingdon Press, Cloth, \$3.00, Paper, \$1.75.
- THE JUNIOR BOOK OF INSECTS, by *Edwin Way Teale*, E. P. Dutton & Co., Inc., \$3.75.
- INSECTS (Familiar American), by *Zim and Cottam*, Simon and Schuster, cloth \$1.50, paper \$1.00.
- INTRODUCING INSECTS, by *James G. Needham*, Ronald Press, \$2.25.
- LEADER'S NATURE GUIDE, Girl Scouts of U. S. A., \$.35.
- NATURE QUESTS AND QUIZZES, by *Raymond T. Fuller*, John Day Co., \$1.50.
- NATURE RECREATION, by *William G. Vinal*, American Humane Education Society, \$3.50.
- NATURE'S WAYS, by *Roy Chapman Andrews*, Crown, \$3.75.
- NEW HANDBOOK OF THE HEAVENS, by *Bernard, Bennett and Rice*, McGraw-Hill, \$4.50.
- NORTH AMERICAN MAMMALS, by *Ed Dodd*, Hawthorn Books, \$1.95.
- REPTILES AND AMPHIBIANS, by *Zim and Smith*, Simon and Schuster, cloth \$1.50, paper \$1.00.
- SNAKES, by *Herbert S. Zim*, Wm. Morrow, \$2.00.
- STARS, by *Zim and Baker*, Simon and Schuster, cloth \$1.50, paper \$1.00.
- THE STARS, A NEW WAY TO SEE THEM, by *H. A. Rey*, Houghton-Mifflin, \$4.50.
- THE STORY OF TREES, by *Dr. Ferdinand C. Lane*, Doubleday, \$5.00.
- THEY HOP AND CRAWL, by *Percy A. Morris*, Ronald Press, \$3.50.
- THIS FASCINATING ANIMAL WORLD, by *Alan Devoe*, McGraw-Hill, \$3.75.
- TRACKS AND TRAILCRAFT, by *Ellsworth Jaeger*, Macmillan, \$3.95.
- WAYS OF MAMMALS, by *Clifford B. Moore*, Ronald Press, \$3.50.
- WEBS IN THE WIND (spiders), by *Winifred Duncan*, Ronald Press, \$4.50.
- WILD LIFE IN COLOR, by *Roger Tory Peterson*, Houghton-Mifflin, \$3.00.
- WILDWOOD WISDOM, by *Ellsworth Jaeger*, Macmillan, \$3.95.

Program

(See also individual topics)

- ACTIVITIES FOR SUMMER CAMPS, by a group of selected authors, Arts Cooperative Service, \$1.25.
- CAMP ORGANIZATION FOR PROGRAM, by *Gerald P. Burns*, American Camping Assn., \$.50.
- THE CAMP PROGRAM BOOK, by *Hammatt and Musselman*, Association Press, \$5.00.
- COUNCIL FIRES, by *Ellsworth Jaeger*, Macmillan, \$2.95.
- FUN AROUND THE CAMP FIRE, by *G. S. Ripley*, Boy Scouts of America, \$.50.
- OUTDOOR ACTIVITIES FOR IN-TOWN GROUPS, by *Chapman, Gaudette, and Hammatt*, Rafter Crafters, \$.50.
- PHILOSOPHY OF RECREATION AND LEISURE, by *Jay B. Nash*, The C. V. Mosby Co., \$3.50.
- THE PLEASURE CHEST, by *Helen and Larry Eisenberg*, Fun Books, cloth, \$1.25, paper \$.75.
- PROGRAM HELPS FOR CAMP LEADERS, compiled and published by Rafter Crafters, \$.50.
- PROGRAM OF THE MODERN CAMP, by *Gerald P. Burns*, Prentice-Hall, Inc., \$5.65.
- A SOCIAL PROGRAM FOR OLDER PEOPLE, by *Jerome Kaplan*, Univ. of Minnesota Press, \$3.00.

Safety

(See Health, Safety and Sanitation)

School Camping

- CAMPING AND OUTDOOR EDUCATION, edited by *Sharp and Partridge*, Nat. Assn. of Secondary-School Principals, \$1.50.
- EDUCATION THROUGH SCHOOL CAMPING, by *Manley & Drury*, C. V. Mosby Co., \$4.50.
- EXTENDING EDUCATION THROUGH

BOOKS FOR CAMP LEADERS

TREES (Familiar American), by *Zim and Martin*, Simon and Schuster, cloth \$1.50, paper \$1.00.

CAMPING, Outdoor Education Assn. Inc., \$1.00.

PUBLIC SCHOOL CAMPING, *James Clarke*, Stanford U. Press, \$3.00.

SCHOOL CAMPING, by *George Donaldson*, Association Press, \$2.25.

Spiritual

ADVENTURES INTO FRIENDSHIP, by *Rodney Britten*, Judson, \$1.25.

ADVENTURES ON THE WAY, *Gilbert and Britten*, Judson, \$1.25.

ADVENTURING TOGETHER AS CHRISTIANS, *Myrtle Auch*, Judson, \$1.25.

CAMPING WITH JUNIORS, National Council of Churches of Christ in U.S.A., \$.50.

THE COMPACT BIBLE, edited by *Margaret Nicholson*, Hawthorn Books, \$4.50.

OUTDOORS WITH GOD, by *Lenore Kruse*, Judson, \$1.25.

SERVICES FOR THE OPEN, by *Mattoon and Bragdon*, Association Press, \$2.50.

SPIRITUAL VALUES IN CAMPING, by *Clarice M. Bowman*, Association Press, \$3.00.

WORSHIP WAYS FOR CAMP, by *Clarice M. Bowman*, Association Press, \$3.00.

Sports and Games

AND PROMENADE ALL, by *Helen and Larry Eisenberg*, Fun Books, \$1.00.

THE ARCHER'S CRAFT, by *Adrian E. Hodgkin*, A. S. Barnes, \$3.75.

BASIC SKILLS IN SPORTS, by *David A. Armbruster, Sr.*, The C. V. Mosby Co., \$3.50.

THE BOOK OF GAMES, by *G. S. Ripley*, Association Press, \$3.00.

CAMP FIRE AND COUNCIL RING PROGRAMS, by *Allan A. Macfarlan*, Association Press, \$2.50.

DANCE AWHILE, by *Harris, Pittman and Swenson*, Burgess, \$2.50.

THE END OF YOUR STUNT HUNT, by *Helen and Larry Eisenberg*, Fun Books, \$.50.

GAMES FOR BOYS AND GIRLS, by *E. O. Harbin*, Abingdon Press, cloth \$2.00, paper \$1.35.

THE GAME BOOK, by *Margaret Mulac*, Harper and Bros., \$2.75.

GAMES AND RECREATIONAL METHODS, by *Charles F. Smith*, Dodd, Mead, \$3.75.

GAMES AND GAME LEADERSHIP, by *Charles F. Smith*, Dodd, Mead, \$3.75.

GAMES OF MANY NATIONS, by *E. O. Harbin*, Abingdon Press, \$1.95.

GROUP FUN, by *Catherine C. Reiley*, Dodd, Mead, \$3.95.

GROUP PROCESS IN PHYSICAL EDUCATION, by the Staff of the P. E. Dept. of UCLA, Harper and Bros., \$4.50.

HANDBOOK OF ACTIVE GAMES, by *Darwin Hindman*, Prentice-Hall, \$6.35.

THE HANDBOOK OF SKITS AND STUNTS, by *Helen and Larry Eisenberg*, Association Press, \$2.95.

HIKING—IN TOWN OR COUNTRY, compiled and published by the Girl Scouts of U. S. A., \$.30.

HONOR YOUR PARTNER, by *Ed Durlacher*, Devin-Adair, \$8.50.

HOW TO IMPROVE YOUR SOFTBALL, A. S. Barnes, \$.75.

LAWN TENNIS FOR TEACHERS AND PLAYERS, by *Major T. Moss for the Lawn Tennis Assn.*, Macmillan, \$2.00.

METHODS AND MATERIALS IN PHYSICAL EDUCATION, by *Charles Bucher*, The C. V. Mosby Co., \$6.25.

NEW GAMES FOR 'TWEEN-AGERS, by *Allan A. Marfarlan*, Association Press, \$2.95.

THE ORGANIZATION AND ADMINISTRATION OF INTRA-MURAL SPORTS, by *Louis E. Means*, The C. V. Mosby Co., \$5.75.

PARTNERS ALL—PLACES ALL, by *Kirkell and Saffnit*, E. P. Dutton, \$3.95.

THE PARTY GAME BOOK, by *Mulac and Holmes*, Harper and Bros., \$3.00.

RIDING SIMPLIFIED, by *Margaret C. Self*, A. S. Barnes & Co. \$1.75.

RIFLE MANUAL, by *R. C. Wilson*, Burgess, \$1.50.

SHOOTING THE BOW, by *Larry C. Whiffen*, Bruce, \$2.50.

SKIT HITS, by *Helen and Larry Eisenberg*, Fun Books, \$.75.

TENNIS TECHNIQUES ILLUSTRATED, by *Mace and Micolean*, A. S. Barnes, \$1.75.

SOFTBALL FOR GIRLS, by *Viola Mitchell*, A. S. Barnes, \$1.75.

SQUARE DANCES OF TODAY, by *Richard Kraus*, A. S. Barnes, \$3.00.

WINNING YOUR SPURS, by *Elaine T. Moore*, Little, Brown & Co., \$4.75.

Trips

(See also Woodcraft)

THE ART OF LIVING OUT OF DOORS IN MAINE, Maine Development Commission, \$1.50.

THE TRIP CAMP BOOK, Girl Scouts of U. S. A., \$75.

Waterfront

BASIC SWIMMING, by Kiphuth and Burke, Yale University Press, \$3.00.

BEGINNING SYNCHRONIZED SWIMMING, by Betty Spears, Burgess, \$2.25.

A CAMP AQUATIC PROGRAM, by Bearse and Hazelton, Sid Hazelton, \$2.50, plus \$1.10 mailing charge.

CANOE CAMPING, by Carle W. Handel, A. S. Barnes, \$3.00.

CANOEING—A-Z, by Ruth Elvedt, Burgess, \$1.50.

CANOEING MANUAL, New England Camping Assn., \$1.00.

CANOEING STANDARDS of ACA, American Camping Assn., \$.50.

CANOES THE WORLD OVER, by Terence T. Quirke, Univ. of Illinois Press, \$4.50.

COMPLETE BOATING HANDBOOK, by Robert Scharff, McGraw-Hill, \$4.95.

DIVING MANUAL FOR INSTRUCTORS, by Hazelton and Pulis, Sid Hazelton, \$1.75, plus \$1.10 mailing charge.

FUN IN THE WATER, by Thomas Kirk Cureton, Jr., Association Press, \$4.00.

MANUAL OF LIFE SAVING AND WATER SAFETY INSTRUCTION, by Charles E. Silva, Association Press, \$4.50.

A MANUAL OF SAILING, by Russell and Margaret Varney, Burgess, \$1.50.

A METHOD OF TEACHING SWIMMING TO YOUNG CHILDREN, written and published by Sidney C. Hazelton, \$1.75, plus \$1.10 mailing charge.

RHYTHMIC SWIMMING, by Katharine Curtis, Burgess, \$2.50.

SWIMMING AND DIVING, by Armbruster and Morehouse, The C. V. Mosby Co., \$4.50.

SWIMMING AND DIVING, A Naval Aviation Physical Training Manual, A. S. Barnes, \$4.50.

SYNCHRONIZED SWIMMING, by Yates and Anderson, A. S. Barnes, \$4.00.

SYNCHRONIZED SWIMMING WORKBOOK, by Evelyn K. Dillon, Burgess, \$1.25.

THE TEACHING AND COACHING OF SWIMMING, DIVING AND WATER

SPORTS, by Ferd J. Lipovetz, Burgess, \$3.00.

TEACHING SWIMMING, by Paul Lukens, Burgess, \$1.50.

Woodcraft

CAMP CRAFT ABC'S, by Catherine T. Hammett, Girl Scouts of U. S. A., \$1.25.

CAMP CRAFT SKILLS FLIP CHARTS (Lashing, Fire-building, Primitive-camp Sanitation, Compass and Maps, Tool-craft), Girl Scouts of U. S. A., \$6.00 each.

CAMPING AND WOODCRAFT, by Horace Kephart, Macmillan, \$3.95.

THE GOLDEN BOOK OF INDIAN CRAFTS AND LORE, by W. Ben Hunt, Simon and Schuster, Inc.

HANDBOOK OF TRAIL CAMP CRAFT, by John A. Leslie, Association Press, \$4.95.

JACK-KNIFE COOKERY, by James A. Wilder, E. P. Dutton & Co., Inc.

THE JUNIOR BOOK OF CAMPING AND WOODCRAFT, by Bernard S. Mason, A. S. Barnes, \$3.50.

KNOTS, SPLICES AND ROPE WORK, by Verrill and McCann, N. W. Henley Publ. Co., cloth \$2.00, paper \$1.50.

LAND AND WATER TRAILS, by Ellsworth Jaeger, Macmillan, \$2.95.

THE OUTDOOR PICTURE COOKBOOK, by Bob Jones, Hawthorn Books, Inc., \$2.95.

"MUST" BOOKS FOR EVERY CAMP LIBRARY

MARK TRAIL'S BOOK OF NORTH AMERICAN MAMMALS

Ed Dodd, creator of the nationally syndicated "Mark Trail" comic strip, shows North American mammals in their natural habitats. 250 picture pages in this pocket-sized field guide. \$1.95

THE OUTDOOR PICTURE COOKBOOK

By Bob Jones. Step-by-step, how-to-do-it outdoor cookery for campers. Delicious recipes, 154 photographs, 66 drawings. \$2.95

THE COMPACT BIBLE. The Old and New Testaments condensed for easy reading. \$4.50

THE PROTESTANT YEAR - 1955. A Daily Almanac and Religious Reminder. \$2.95

THE CATHOLIC YEAR - 1955. A Daily Almanac and Devotional Reminder. \$2.95

At all bookstores or
HAWTHORN BOOKS, INC.
Dept. Q-61, Englewood Cliffs, N. J.

BOOKS FOR CAMP LEADERS

- THE SCOUT FIELD BOOK, Boy Scouts of America, \$1.00.
- WAY OF THE WILDERNESS, by Calvin Rutstrum, Burgess, \$3.00.
- WOODSMANSHIP, by Bernard Mason, A. S. Barnes, \$1.75.
- WOODSMOKE, by Ellsworth Jaeger, Macmillan, \$2.95.
- YOUR OWN BOOK OF CAMP CRAFT, by Catherine T. Hammett, American Camping Assn., \$.35 (bulk prices available.)
-



Does your own reference shelf of books on camping philosophy and technique contain the best of the new books, so that you and your staff can be always "adding knowledge . . . by the record of new facts?" Does the library in your camp, used by your campers, contain the best of the new books, so that their eager young minds can also "add knowledge" . . . by the record of new (to them) facts?"

Check the Book Reviews

which appear every month in **Camping Magazine**. These expert appraisals, by experienced camp operators, will enable you to choose wisely additional books for your collection.

1955 CAMP REFERENCE AND BUYING GUIDE

Buying Guide Section

CAMP BUYING GUIDE

A handy, convenient, time saving list of sources
of equipment, supplies and services used by camps

For addresses of all suppliers mentioned in this Buying Guide,
please refer to the Suppliers' Index, beginning on page 137.

Adhesives, Arts and Crafts

Ambroid Co.
The Borden Co., Chemicals Div.
J & J Cash, Inc.
LePages, Inc.
U. S. Plywood Corp.

Marshall Field & Co.
Grey Owl Indian Craft Mfg. Co.
Indian Archery & Toy Corp.
Mor-San Sales
The Outdoor Store, Inc.
Sanco Equipment Co.
School Products Co.
Alex Taylor & Co., Inc.
Teela-Wooket Camps (Instruction)

Advertising Materials

See Emblems; Pennants; Post Cards.

Architects, Camp

See Consultants, Camp

Advertising, Publication

The American Magazine
Cosmopolitan Magazine
Harper-Atlantic Sales
Harper's Bazaar
Holiday Magazine
New York Herald Tribune
The New York Times
Parents' Magazine
Redbook Magazine

Arts & Crafts Supplies

See also specific items
Alabastine Paint Products
Artcraft of Phila.

Albums, Photo

The Felt Crafters

ARTCRAFT
OF PHILADELPHIA
7641 Thouron Ave.
Philadelphia 38, Pa.
Distributors of
ARTS & CRAFTS SUPPLIES

Archery Supplies

Admiral Equipment Co.
Arrowhead Archery & Indiancraft
Shop
Bowcraft Sport Shop & Playland
Paul Bunyan Glass Products
Edgcomb-Hunter Hardwood Corp.

Artcraft Services, Inc.

**Suggestions and Materials
for a Meaningful Arts
and Crafts Program**
ARTCRAFT SERVICES, INC.
340 Amsterdam Ave., N.Y.C. 24
Trafalgar 3-0507
Collaborating with
The Arts Cooperative Service

LEMONWOOD
Especially Selected For Bows
ARROW STOCK:
DOWELS, NOCKS, PILES
AND BROADHEADS, FEATHERS, ETC.
LARGEST IMPORTERS AND DEALERS
IN THE UNITED STATES
— Price List on Request —
**EDGCOMB-HUNTER HARDWOOD
CORPORATION**
53 ANN STREET NEW YORK 38, N.Y.

Bersted's Hobby Craft, Inc.
Block Artists' Materials Co.

Always Mention . . .

This Publication
when contacting its advertisers.
It helps to serve you better.

Boin Arts & Crafts Co.

1955

Our NEW catalog speaks for itself

All the supplies the "book" says — and then some — are on hand to help you with your projects.

Write for YOUR COPY FREE
- to schools and dealers, etc.—
- to individuals - 50c, but deductible from first order.

91 MORRIS STREET • MORRISTOWN, NEW JERSEY

Butterfly Art Jewelry, Inc.
CVH Laboratories Co.
Cleveland Crafts Co.

1945

10TH ANNIVERSARY GIFT

During the year 1955 all orders amounting to \$10 or more will be shipped transportation prepaid via least expensive way.

Write for our catalogue listing
a complete line of handicrafts

CLEVELAND CRAFTS 4705 Euclid Ave.
Cleveland 3, O.

Craft Service
Crafters of Pine Dunes
Crafts Mfg. Co.
Craftsman Supply House

CAMP CRAFTS

Send for our FREE 1955 Catalog listing the latest camp crafts for your Arts & Crafts workshop.

*Liberal Discount Offered
All Camps*



CRAFTSMAN SUPPLY HOUSE
Dept. A SCOTTSVILLE, N.Y.

Crown Leather Co.
Culver Mfg. Co., Inc.
Dearborn Leather Co.
Dwinnell Craft Shop
Eastern Handicraft Supply Co., Inc.
Ettl Studios, Inc.
Gagers Handicraft

Complete Craft Headquarters

**Leathercraft, Ceramics, Metalcraft, Felt,
Wooden Plates & Boxes, Beading and
Copper Enameling**

We are still prepared to give the same fast service in 1955.

New Catalogue on Request

GAGERS HANDICRAFT

1024 Nicollett Ave.
Minneapolis 2, Minnesota

Gemexco, Inc.
Grey Owl Indian Craft Mfg. Co.
M. Grumbacher, Inc.
The Handcrafters
Hobby Haven, Inc.
W. E. Jackson & Co. (bookbinding)
Kenilworth Kraft Shoppe
Ken-Kaye Crafts Co.

KEN-KAYE KRAFTS CO.



COMPLETE CRAFT SUPPLIES

1277 Washington St.
West Newton 65, Mass.

Lee Art Co., Inc.
Leisurecrafts
Magnus Craft Materials

HANDICRAFT IDEAS AND SUPPLIES

CONTACT US

Our Free Catalog Available

MAGNUS CRAFT MATERIALS
108 FRANKLIN ST.
NEW YORK 13 NEW YORK

Mallory Leather Co.
Mangrove Feather Co., Inc.
Margo-Kraft Distributors, Inc.
Merribee Art Embroidery Co.
Metal Goods Corp.
Nelson Rapids Co.
Newall Mfg. Co.
New York Scientific Supply Co.
The O-P Craft Co., Inc.
Osborn Bros. Supply Co.
University of Pittsburgh (Instruction)

Play-Art Educational Equipment Co.
Plume Trading & Sales Co., Inc.
Russo Handicraft Supplies
S. & S. Leather Co.
Sax Bros., Inc.
Schrader Instrument Co.

A Dependable Source of Supply

Fine Tools — Metals — Plastic boxes —
Motor Accessories and grinders
If your program includes jewelry making,
working with metals, woods, or
plastic, you should have our 95 page
illustrated catalog. Any camp director
will be sent a copy upon request.

SCHRADER INSTRUMENT CO.
Dept. C Independence, Iowa

Sidney Tanning Co.
Sto-Rex Craft Div. of Western Mfg
Co.
Tandy Leather Co.
Tannery Outlet
Thayer & Chandler

FREE

ARTCRAFT CATALOG

For Craft Classes

Decorate burnt wood etchings, glorified glass, pre-designed sketching boards, glass etching materials, etc. Many projects for summer camps.

THAYER & CHANDLER

Dept. C 910 Van Buren, Chicago 7, Ill.

Tri-Chem, Inc.

TRI CHEM PEN

LIQUID Embroidery

The Original Ball Point

TUBES OF COLOR THAT WRITE, PAINT, AND DECORATE

WITHOUT A BRUSH Wonderful for Craft Work - All Age Groups. Use it on all fabrics, paper, wood, metal or glass. Washable • Quick-Drying • Permanent

BEGINNERS' SETS Complete with 4 Ball Point Tubes, Directions, Ideas, Sketches and 2 Sheets of Patterns \$2.69



24 COLORS IN 1 OZ. TUBES

TRI CHEM, INC. West Orange, N. J.

Vanity Fair
F. Weber Co.
Western Craft & Hobby Supply Co.
Wilson Arts & Crafts

Addresses . . .

of all companies listed in this Section will be found in the Alphabetical Index of Suppliers beginning on page 137.

Wilson Plastics, Inc.
X-acto, Inc.

Automobiles, 4-Wheel Drive

Kaiser-Willys Sales Div. (Jeeps)

Awards

A-B Emblem Corp.
Ariston Co.
Award Incentives, Inc.
Barney's Army Store
Collegiate Mfg. Co.
Flaghouse, Inc.
The Felt Crafters
J. Carlton Jones & Associates
The Outdoor Store, Inc.
Alex Taylor & Co., Inc.

Axes and Saws

American Foreign Industries, Inc. (pocket saws)
Barney's Army Store
L. L. Bean, Inc.
The Bridgeport Hardware Mfg. Co.
J. Chapman & Sons
I. Goldberg & Co.
Mercantile Sales Co., Inc.
Mor-San Sales
The Outdoor Store, Inc.
Alex Taylor & Co., Inc.

Badminton Supplies

See Sports Equipment

Baking Mixes

See Mixes, Prepared Food

Banners, Flags

See Pennants

Baseball Supplies

See Sports Equipment

Basketball Supplies

See Sports Equipment

Bedding

See also Mattresses
Admiral Equipment Co.

When You Want More Information

about a particular product, be sure to check the advertisers index, beginning on page 137, then refer to the manufacturer's advertisement in this book.

Barney's Army Store

GENUINE GOV'T. SURPLUS

Heavy Drill

MATTRESS COVERS

Reconditioned. Fits bunk and cot mattresses. Worth \$54.00 doz. if new. Limited quantities, order now.

F.O.B. ST. LOUIS \$22.50 Doz.

COMMERCIAL MATTRESS COVERS

Plastic, muslin or drill available to fit any size mattress. Write for prices and swatches.

BARNEY'S 815 N.
SIXTH ST. LOUIS
MO.

J. Chapman & Sons
Edward Don & Co.
Marshall Field & Co.
I. Goldberg & Co.
M. B. Bedding Co.
Mercantile Sales Co., Inc.
Mor-San Sales
Sabloff's
Sanco Equipment Co.
Webb Mfg. Co.

Beds and Cots

Admiral Equipment Co.
Barnett Canvas Goods & Bag Co.
Barney's Army Store
J. Chapman & Sons

HEADQUARTERS FOR COMPLETE CAMPING EQUIPMENT

100% Guaranteed Merchandise

- Bunk Beds • Cots
 - Mattresses
 - Mattress Covers • Tents
- Sleeping Bags • Field Equipment

SEND FOR FREE CATALOG
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2600 W. 19th St. Chicago 8, Ill.

Edward Don & Co.
Eastern Cabinet Works
I. Goldberg & Co.
Leonard Haimes Co., Inc.
Lorick Supply Co., Inc.
Mercantile Sales Co., Inc.
Mor-San Sales
Play-Art Educational Equipment Co.
Sabloff's
Sanco Equipment Co.

STEEL COTS DOUBLE BUNKS MATTRESSES

41st Season . . Write for Catalog C

SANCO EQUIPMENT CO.

Family SANITARY SUPPLY AND SPECIALTY CO.
26 East 13th St., New York 3, N.Y.

Benches

See Chairs

Boards, Diving

American Playground Device Co.
Ariston Co.
Norman Buck Mfg. Co.
Edward P. Coopersmith Co.
Dolphin Swimming Pool Co., Inc.
Hussey Mfg. Co.
Adolph Kiefer & Co.
Modern Swimming Pool Co., Inc.
The Outdoor Store, Inc.
Sabloff's
Sanco Equipment Co.
S. R. Smith Co., Inc.
Standard Steel Products Mfg. Co.
Alex Taylor & Co., Inc.

Boat Kits

The Acme Boat Co.
Bowman, Inc.
J. Chapman & Sons
Luger Industries
The Outdoor Store, Inc.
Ozarka, Inc.
Penney Woodcraft Industries
Sanco Equipment Co.
Schneider Boat Co.

Boats

See Canoes and Supplies, Row Boats and Supplies, Power Boats and Supplies, Sail Boats and Suppliers, Finishes, Marine.

Books

See Bibliography Section, p. 108.

Books, Used, Camp

Bonmark Books

Bottled Gas

The Home Gas Corp.
Pyrofax Gas Co.
Suburban Propane Gas Corp.

Buildings, Prefabricated

Circle City Cabin Co.
Takapart Products Co.
Universal Homes & Wood Products,
Inc.
Ward Cabin Co.

Bunks

See Beds and Cots

Cameras, Projectors and Film

AnSCO
Eastman Kodak Co.

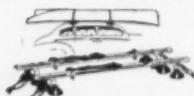
Candy

Blumenthal Bros. Chocolate Co.
Curtiss Candy Co.
New England Confectionary Co.
C. J. Van Houten & Zoon, Inc.
James O. Welsh Co.

Canoes and Supplies

The Acme Boat Co.
Ambroid Co. (repair cement)
Bowcraft Sport Shop & Playland
J. Chapman & Sons
Edward P. Coopersmith Co.
Feather Craft, Inc.
Grumman (See Metal Boat Co.)
Harwill, Inc.
Adolph Kiefer & Co.
Metal Boat Co.
Mohawk Craftsmen
Old Town Canoe Co.
Ozarka, Inc.
Peterborough Canoe Co., Ltd.
Pioneer Mfg. Co.
Sanco Equipment Co.
Shell Lake Boat Co.
Alex Taylor & Co., Inc.
Thompson Bros. Boat Mfg. Co.
Water Safety Co.
Wesbar Stamping Corp. (carriers)

USE WESBAR Car Top CARRIERS



To Carry Boats —
Canoes — Lumber —
Luggage, Etc. —

Carry Your Outboard On A
"PORT-A-MOT" Outboard Motor Stand

WESBAR STAMPING CORP.
Dept. CD-55 West Bend, Wis.

Canteens and Mess Kits

L. L. Bean, Inc.

Addresses . . .

of all companies listed in this
Section will be found in the
Alphabetical Index of Sup-
pliers beginning on page 137.

J. Chapman & Sons
Marshall Field & Co.
I. Goldberg & Co.
Mor-San Sales
The Outdoor Store, Inc.
Rockaway Sales Co.
Sanco Equipment Co.
Alex Taylor & Co., Inc.

Canvas

See Tents and Tarpaulins

Catalogs, Camp

Artvue Postcard Co.
Hobbycraft Stationers

Ceramic Supplies

See also Kilns
Artcraft of Phila.
Block Artists' Materials Co.
Boin Arts & Crafts Co.
Cleveland Crafts Co.
Sybil Cooper Ceramic Studios
Craft Service
Crafters of Pine Dunes
J. J. Cress Co. of N.J.
Dearborn Leather Co.
Dwinnell Craft Shop
Eastern Handicraft Supply Co., Inc.
Ettl Studios, Inc.
Gagers Handicraft
Gemexco, Inc.
Greeting Tiles
Hobby Haven, Inc.
Kenilworth Kraft Shoppe
Ken-Kaye Crafts Co.
Leisurecrafts
Magnus Craft Materials
Margo-Kraft Distributors, Inc.
New York Scientific Supply Co.
Osborn Bros. Supply Co.
Play-Art Educational Equipment Co.
School Products Co.
Sculpture House
Sto-Rex Craft Div. of Western Mfg.
Co.
Tandy Leather Co.
F. Weber Co.
Western Craft & Hobby Supply Co.
Wilson Arts & Crafts
X-acto, Inc.

Chairs & Benches

Admiral Equipment Co.
American Playground Device Co.
J. Chapman & Sons
Edward Don & Co.
Eastern Cabinet Works
Leonard Haimes Co., Inc.

The James P. Luxem Co.
The Monroe Co.
National China & Equipment Corp.
Rawood Furniture Outlets (unpainted)
Sabloff's
Sanco Equipment Co.
Standard Steel Products Mfg. Co.
Takapart Products Co.

Chlorinators

Bowser, Inc.
Camp Chemical Co., Inc.
Edward P. Coopersmith Co.
Adolph Kiefer & Co.
Modern Swimming Pool Co., Inc.
% Proportioneers, Inc. %
Wallace & Tiernan

Clay, Modeling

See Ceramic Supplies

Cleaning Compounds

Ackley Equipment Co.
Admiral Equipment Co.
Baker Sales Co.
Camp Chemical Co., Inc.
Colgate-Palmolive Co.
Edward P. Coopersmith Co.
Edward Don & Co.
The Fermex Co.
National China & Equipment Corp.
Richmond Oil, Soap & Chemical Co., Inc.
Sabloff's
Sanco Equipment Co.
John Sexton & Co.
Solvay Process Div., Allied Chemical & Dye Corp.
R. C. Williams & Co., Inc.

Compasses, Orienteering

Silva Compass

Consultants, Camp

Camp Development Service
Marjorie Camp
R. Alice Drought
Catherine T. Hammett
Barbara Ellen Joy
Thelma Patterson
Charles E. Pound
Lewis C. Reimann
Julian Salomon
Bradford G. Sears
W. Glen Wallace

Cots

See Beds and Cots

Craft Supplies

See Arts and Crafts Supplies; also specific crafts

Dishes and Glassware

Ackley Equipment Co.
Admiral Equipment Co.
Baker Sales Co.
Edward Don & Co.
Leonard Haimes Co., Inc.

When You Buy For Your Camp . . . Buy Wisely!

The firms listed are experienced camp suppliers, who want to serve you well.

Marine Works, Inc.
National China & Equipment Corp.
Sabloff's
Sanco Equipment Co.

Dishes, Paper

See Paper Products

Dishes, Plastic

Ackley Equipment Co.
Admiral Equipment Co.
Baker Sales Co.
Boonton Molding Co.
Edward Don & Co.
Leonard Haimes Co., Inc.
Marine Works, Inc.
National China & Equipment Corp.
Sabloff's
Sanco Equipment Co.
Watertown Mfg. Co.

Dishwashing Compounds

See Cleaning Compounds

Dishwashing Machines

Ackley Equipment Co.
Admiral Equipment Co.
Baker Sales Co.
Edward Don & Co.
Leonard Haimes Co., Inc.
The Home Gas Corp.
The Jackson Products Co.
Marine Works, Inc.
National China & Equipment Corp.
Sabloff's
Sanco Equipment Co.

Disinfectants

Ackley Equipment Co.
Associated Products, Inc.
Baker Sales Co.
Camp Chemical Co., Inc.
Edward P. Coopersmith Co.
Edward Don & Co.
Richmond Oil, Soap & Chemical Co., Inc.
Sabloff's
Sanco Equipment Co.
John Sexton & Co.
Solvay Process Div., Allied Chemical & Dye Corp.
R. C. Williams & Co., Inc.

When You Want More Information

about a particular product, be sure to check the advertisers index, beginning on page 137, then refer to the manufacturer's advertisement in this book.

Docks

Bal-Craft
Central Machine Works Co.
Eastern Cabinet Works
L. B. Foster Co.
Hussey Mfg. Co.
Adolph Kiefer & Co.
Modern Swimming Pool Co., Inc.
Standard Steel Products Mfg. Co.
Alex Taylor & Co., Inc.
Water Safety Co.

Dust-laying Compounds (for play fields, roads, etc.)

Ackley Equipment Co.
Camp Chemical Co., Inc.
Richmond Oil, Soap & Chemical Co., Inc.
Sanco Equipment Co.
Solvay Process Div., Allied Chemical & Dye Corp.

Ear Plugs, Nose Clips

Edward P. Coopersmith Co.
Marshall Field & Co.
Adolph Kiefer & Co.
McKeon Products Co.
The Outdoor Store, Inc.
Alex Taylor & Co., Inc.
W. J. Voit Rubber Corp.

Emblems

A-B Emblem Corp.
Ariston Co.
Award Incentives, Inc.
Barney's Army Store
Collegiate Mfg. Co.
Dallas Uniform Cap & Emblem Mfg. Co.
Flaghouse, Inc.
The Felt Crafters
J. Carlton Jones & Associates
The Outdoor Store, Inc.
Alex Taylor & Co., Inc.

Felt, Craft

Arcraft of Phila.
Block Artists' Materials Co.
Boin Arts & Crafts Co.
Cleveland Crafts Co.
Collegiate Mfg. Co.
Crafters of Pine Dunes

Dearborn Leather Co.
Dwinnell Craft Shop
Eastern Handicraft Supply Co., Inc.
The Felt Crafters
Grey Owl Indian Craft Mfg. Co.
The Handcrafters
Hobby Haven, Inc.
Kenilworth Kraft Shoppe
Ken-Kaye Krafts Co.
Leisurecrafts
Magnus Craft Materials
Osborn Bros. Supply Co.
Play-Art Educational Equipment Co.
Plume Trading & Sales Co., Inc.
Russo Handicraft Supplies
Sto-Rex Craft Div. of Western Mfg. Co.
Tandy Leather Co.
Western Craft & Hobby Supply Co.

Films, Movie

Association Films, Inc.

The advertisement features a cartoon illustration of Mickey Mouse and a small dog standing next to a large tree trunk. A sign is attached to the tree with the text: "FILMS FOR CAMPS", "FREE FILMS!", "Join our Free 'MOVIE-A-WEEK' CLUB!", "WALT DISNEY FILMS!", and "FEATURE FILMS!". Below the sign, it says "© Walt Disney Productions". At the bottom left, there is a logo with the letters "AF" and a star. To the right, there is a list of distribution offices: RIDGEFIELD, N. J. SAN FRANCISCO, BROAD AT ELM 351 TURK ST. CHICAGO DALLAS, 79 E. ADAMS ST. 1108 JACKSON ST.

Encyclopedia Britannica Films, Inc.
Moody Bible Institute
Modern Talking Picture Service
National Cinema Service
Pictora Films
16mm Pictures & Equip. Co.

FILM RENTAL LIBRARY

Exclusive distributor of America's finest first run full length 16mm entertainment motion pictures at minimum rental for your camp entertainment.

Write for Free Copy of Our Catalog

16mm PICTURES & EQUIPMENT CO.
P.O. Box 310 615 Neville St.
Beckley, W. Va.

United World Films, Inc.

Addresses . . .

of all suppliers will be found beginning on page 137.

Finishes, Marine

The Acme Boat Co.
Chetek Boat Corp.
Maurice L. Condon Co., Inc.
Edward P. Coopersmith Co.
L. W. Ferdinand & Co., Inc.
Marine Products, Inc.
Modern Swimming Pool Co., Inc.
Sabloff's
Sanco Equipment Co.

Firefighting Equipment

Admiral Equipment Co.
Bostwick Laboratories, Inc.
Edward Don & Co.
Fyr-Larm Co. (Alarm)
Sabloff's
Sanco Equipment Co.
Schwartz Bros., Inc.
D. B. Smith & Co.

First Aid Kits

See Infirmary Supplies

Fishing Tackle

Marshall Field & Co.
The Outdoor Store, Inc.
Reel Easy Corp.
School Products Co.
Sealand, Inc.
Alex Taylor & Co., Inc.
Union Hardware Co.

Flashlights and Batteries

I. Goldberg & Co.
Justrite Mfg. Co.
Olin-Mathieson Corp. (Winchester)
The Outdoor Store, Inc.
Mor-San Sales
Sabloff's
Sanco Equipment Co.
Alex Taylor & Co., Inc.

Floats and Rafts

Bal-Craft
J. Chapman & Sons
Eastern Cabinet Works
Feather Craft, Inc.
Hussey Mfg. Co.
Adolph Kiefer & Co.
Modern Swimming Pool Co., Inc.
Mohawk Craftsmen
New York Rubber Corp.
Rockaway Sales Co.
Sabloff's
Sanco Equipment Co.
Alex Taylor & Co., Inc.

Flutter Boards

American Playground Device Co.
Adolph Kiefer & Co.

Mohawk Craftsmen

FOR BETTER BUILT
Balsa Life Buoys
FLUTTER BOARDS
PADDLE BOARDS
Paddle Board Kits
Baseball Dart Game

Write
MOHAWK CRAFTSMEN
Dept. C
CALIFON, NEW JERSEY

Sanco Equipment Co.

Food Packets

See also Mixes, Prepared Food
L. L. Bean, Inc.
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See Awards; Emblems

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See page 52

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Nose Clips

See Ear Plugs and Nose Clips

For "Where To Get It?"

data see the Index of Suppliers beginning on page 137.

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See Sports Equipment

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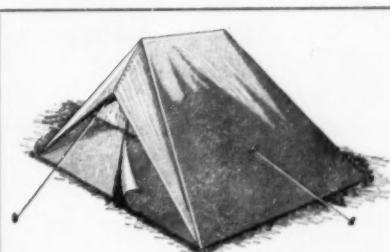
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Aalco Mfg. Co., 2737 Wyandot Ave., St. Louis, Mo.

A-B EMBLEM CORP., 519 30th St., Union City, N. J.

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Abingdon Press, 810 Broadway, Nashville 2, Tenn.

ACKLEY EQUIPMENT CO., 755 Tenth Ave., New York 10.

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Acme Boat Co., E. Pearl St., Miamisburg, Ohio

The Adler Co., 1603 Harrison Ave., Cincinnati 14, Ohio

Admiral Equipment Corp., 321 Third Ave., New York 10.

Alabastine Paint Products, 2671 Grand Ave., Chicago 12.

ALCORT, INC., 1172 N. Main St., Waterbury 36, Conn.

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All American Ascorp., 205 W. 19 St., New York, N. Y.

Ambroid Co., Box 30, Weymouth 88, Mass.

American Camping Assn., 343 S. Dearborn St., Chicago 4.

American Foreign Industries, Inc., 170 2nd St., San Francisco, Calif.

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American Humane Education Society, 180 Longwood Ave., Boston 15, Mass.

American Magazine, The, 640 Fifth Ave., New York 19.

AMERICAN HOME FOODS, INC., 22 E. 40 St., New York 16.

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AMERICAN PLAYGROUND DEVICE CO., 1801 S. Jackson St., Anderson, Ind.

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American Progressive Health Insurance Co., 92 Liberty St., New York.

Anasco, 40 Charles St., Binghamton, N. Y.

Appleton-Century-Crofts, Inc., 35 W. 32 St., New York 1.

Ariston Co., 121 E. 23 St., New York 10.

Arrowhead Archery Shop, 9582 Woodward Ave., Detroit 27.

ARTCRAFT OF PHILA., 7641 Thouron Ave., Philadelphia 38.

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ARTCRAFT SERVICES, INC., 340 Amsterdam Ave., New York 24.

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ARTVUE POST CARD CO., 225 Fifth Ave., New York 10.

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Associated Products, Inc., 7207 Susquehanna St., Pittsburgh 8.

ASSOCIATION FILMS, INC., Broad at Elm, Ridgefield, N. J.

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Association Press, 291 Broadway, New York 7.

Athletic Institute, The, 209 S. State St., Chicago 4, Ill.

AUDIO EQUIPMENT CO., INC., 805 Middle Neck Rd., Great Neck, N. Y.

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Award Incentives, Inc., 200 William St., New York 38.

B

Baker Sales Co., 10-14 Chestnut St., Liberty, N. Y.

Bal-Craft, P. O. Box 129, Buchanan, Mich.

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Barnes, A. S. & Co., 232 Madison Ave., New York 16.

Barnett Canvas Goods & Bag Co., 131 Arch St., Philadelphia 6.

BARNEY'S ARMY STORE, 815 N. Sixth St., St. Louis.

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Bassett Bait and Boat Co., 885 Alden St., Springfield, Mass.

Bead Publishing Co., 522 Rugby Rd., Brooklyn 26, N. Y.

Bean, L. L., Inc., Freeport, Me.

BEETLE BOAT CO., INC., New Bedford, Mass.

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Bemis Brothers Bag Co., 111 N. 4th St., St. Louis 2.

Bennett, Charles A., Co., Inc., 237 N. Monroe, Peoria 3, Ill.

BERNARD FOOD INDUSTRIES, INC., 559 W. Fulton, Chicago 6.

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Bersted's Hobby Craft, Inc., Monmouth, Ill.

Bickmore Co., The, 119 S. Main St., Old Town, Me.

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Blumenthal Bros. Chocolate Co., Margaret & James Sts., Philadelphia 37.

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- Chetek Boat Corp., 45 Dovre Rd., Chetek, Wis.
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E

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- J**
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JACKSON PRODUCTS CO., THE, 3703 E. 93rd St., Cleveland 5.
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 Marine Products Corp., 41 High St., Oshkosh, Wis.

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- Minnesota, University of, Press, Minneapolis 14.
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- National Council of Churches of Christ, 79 E. Adams St., Chicago 3.
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- O-P Craft Co., 419-423 Warren, Sandusky, Ohio.
- Old Town Canoe Co., 58 Middle St., Old Town, Maine.
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- Outdoor Education Assn., 369 Lexington Ave., New York 17.
- Outdoor Store, Inc. The, 137 W. Onondaga St., Syracuse 2, N. Y.
- Ozarka, Inc., 520 Borden Lane, Woodstock, Ill.
- P**
- PARENTS' MAGAZINE, 52 Vanderbilt Ave., New York 17.**
See page 6.
- Park Surgical Co., Inc., 5001 New Utrecht Ave., Brooklyn 19.
- Parke, L. H., Co., 7746 Dongan Rd., Philadelphia, Pa.
- Parker, Paul, 11 W. 42 St., New York 36.
- Patterson, Thelma, 1360 Lakeshore Dr., Apt. 319, Chicago 10.
- Pawnee Sales Co., Pawnee, Okla.

Penney Woodcraft Industries, 1301-9 Ottawa Ave., Defiance, Ohio.
Perkins Products Co., 7400 S. Rockwell St., Chicago 29.
Peterborough Canoe Co., Ltd., Water St., Peterborough, Ontario, Canada.
Pfaelzer Bros., 939 W. 37th Pl., Chicago 9, Ill.
Pictura Films, 2390 Broadway, New York, N. Y.
Pierce, S. S. Co., 133 Brookline Ave., Boston, Mass.
Pillsbury Mills, Inc., Minneapolis 2.
Pioneer Mfg. Co., Middlebury, Ind.
Pittsburgh, University of, Summer Sessions, Pittsburgh 13.
Play-Art Educational Equipment Co., 116 S. 20th St., Philadelphia 3.
Playhats Co., The, Box 68, Revere 51, Mass.
Plays, Inc., 8 Arlington St., Boston 16, Mass.
PLUME TRADING & SALES CO., INC., 155 Lexington Ave., New York 16.
See page 127.

Powers & Co., 5911 Woodland Ave., Philadelphia 43.
Pound, Charles E., Byram Ridge Rd., Armonk, N. Y.
Prentice-Hall, Inc., 70 Fifth Ave., New York 11.
% PROPORTIONEERS, INC., %, 345 Harris Ave., Providence 1, R. I.
See page 34.
Putnam's Sons, G. P., 210 Madison Ave., New York 16.
Pyrofax Gas Co., 40 E. 41 St., New York 17, N. Y.
Pyrotex Leather Co., 287 Whitney, Leominster, Mass.

Q

Quaker Oats Co., The, 345 Merchandise Mart Plaza, Chicago 54.

R

Rafter Crafters, P. O. Box 97, Pleasantville, N. Y.
RAILTON, B. A. CO., 3425 S. Kedzie Ave., Chicago 23.
See page 126.
RALSTON PURINA CO., Checkerboard Sq., St. Louis 2.
See page 21.
Rawood Furniture Outlets, 376 Rt. 22, Hillside, N. J.
Redbook, 230 Park Ave., New York 17.
Reel Easy Corp., Box 1003, N Station, Arlington 7, Va.
Reimann, Lewis C., 1725 Lansdowne Rd., Ann Arbor, Mich.
Remington Arms Co., Inc., Bridgeport 2, Conn.
Rex Corp., The, Hayward Rd., West Acton, Mass.
Reynolds Metals Co., 2500 S. 3rd St., Louisville, Ky.
Richmond Oil, Soap & Chemical Co., Inc., 1041 Frankford Ave., Philadelphia 25.

ROCKAWAY SALES CO., Box 362, Route 46, Rockaway, N. J.
See page 76.
Ronald Press Co., The, 15 E. 26th St., New York 10.
Russo Handicraft Supplies, 245 S. Spring St., Los Angeles 12.
Ruud Mfg. Co., 2934 Smallman St., Pittsburgh 1, Pa.

S

S. & S. LEATHER CO., Colchester, Conn.
See page 93.

Sabloff's 46 S. Main St., Liberty, N. Y.
Safeway Sanitation, 75 Argyle Rd., Eggertsville 21, N. Y.
St. Petersburg Shell Novelty Co., P. O. Box 56, 22nd St. Sta., St. Petersburg 3, Fla.
Salomon, Julian, Sky Meadow, Suffern, N. Y.

SANCO EQUIPMENT CO., 24 E. 13th St., New York 3.

See pages 121, 129, 133.
Saunders, W. B. Co., West Washington Sq., Philadelphia 5.
Savage Arms Corp., Chicopee Falls, Mass.
Sax Bros., Inc., 1111 N. 3rd St., Milwaukee 3.
Schneider Boat Co., 1913 W. Vliet St., Milwaukee 5.
School Products Co., 47 Great Jones St., New York 12.

SCHRADER INSTRUMENT CO., E. Main St., Independence, Iowa.

See page 120.
Schwartz Bros., Inc., 827 Arch St., Philadelphia 7.
Scott-Atwater Mfg. Co., 2901 E. Hennepin, Minneapolis 13, Minn.
Sculpture House, 304 W. 42nd St., New York 36.
Sealand, Inc., 535 Migeon Ave., Torrington, Conn.
Sears, Bradford G., Syracuse Univ., Syracuse 10, N. Y.

SEIDEL, AD., & SON, INC., 1245 W. Dickens Ave., Chicago 14.

See pages 125, 126, 130.
Service Appliance Co., Inc., 30 Cross St., Norwalk, Conn.

SEXTON, JOHN, & CO., Sexton Sq., Chicago 90.

See page 17.
Shellcrafters, The, Pinellas Park, Fla.
Shell Lake Boat Co., Shell Lake, Wisc.

Sheridan Products, Inc., 1236 13th St., Racine, Wisc.

Sidney Tanning Co., Sidney, Ohio
Sierra King Associates, P. O. Box 778, Berkeley 1, Calif.

Silva Compass, LaPorte, Ind.

SILVER SKILLET BRANDS, INC., P. O. Box 216, Skokie, Ill.

See page 16.
SIM-COTE PRODUCTS CO., Box 210, Granville, N. Y.
See page 72.

Simon & Schuster, Inc., 630 5th Ave.,
New York 20.

**16 MM PICTURES & EQUIPMENT
CO.,** 615 Neville St., Beckley, West
Va.

See page 124.

SMITH, D. B., CO., 417 Main St.,
Utica 2, N. Y.

See page 39.

SMITH, RICHARD T., CORP., 217
Centre St., New York, N. Y.

See page 61.

Smith, S. R., Co., Inc., Box 942, Canby,
Oregon.

SMITH-JUNIOR CO., Inc., 12 Saratoga
Ave., Rochester 6, N. Y.

See page 20.

SMITH SYSTEM HEATING CO., 212
Ontario St., S. E., Minneapolis 14.

See page 136.

**SOLVAY PROCESS DIV., ALLIED
CHEMICAL & DYE CORP.,** 61
Broadway, New York 6.

See page 74.

Spatini Co., 47th & Brown Sts., Philadelphiia, Pa.

Stahmer Shoe Co., 1334 W. 2nd St.,
Davenport, Iowa.

Standard Brands, Inc., 595 Madison
Ave., New York 22.

Standard Pool Cleaner Co., The, 1320
Greenfield Ave., S. W., Canton 6,
Ohio.

**STANDARD STEEL PRODUCTS
MFG. CO.,** 2836 S. 16th St., Milwaukee 15.

See page 83.

Stanford Univ. Press, Stanford, Calif.
Star Metal Boat Co., N. Madison St.,
Goshen, Ind.



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Steelcote Mfg. Co., 3418 Gratiot, St. Louis 3.

STEPHENSON CORP., P. O. Box 392,

Red Bank, N. J.

See page 132.

Sto-Rex Craft Div. of Western Mfg. Co., 149 9th St., San Francisco 3.

Stylecraft Mfg. Co., 717 Sycamore St., Cincinnati 2, Ohio.

Suburban Propane Gas Corp., Box 206, Whippoor, N. J.

Sunshine Biscuits, Inc., 29-10 Thompson Ave., Long Island City 1, N. Y.

Superior Bowling & Billiard Supply Corp., 1750 Webster Ave., Bronx 57, N. Y.

Swift & Co., Union Stock Yards, Chicago 9.

T

Takapart Products Co., Babylon Turnpike, Freeport, N. Y.

Tandy Leather Co., 300 Throckmorton St., Ft. Worth, Texas.

Tannery Outlet, 145 South St., Boston.

Taylor, Alex., & Co., Inc., 22 E. 42nd St., New York 17.

Teela-Wootket Camps (Archery) 450 W. 24th St., New York 11.

Teela-Wootket Camps (Equitation) 60 Ordway Rd., Wellesley Hills, Mass.

THAYER & CHANDLER, 910 W. Van Buren St., Chicago 7.

See page 120.

Thompson Bros. Boat Mfg. Co., 299 Ellis Ave., Peshtigo, Wis.

TODD SHIPYARDS CORP., COMBUSTION EQUIP. DIV., 81-16 45th Ave., Elmhurst, N. Y.

See page 37.

Triangle Conduit & Cable Co., Inc., Jersey Ave., New Brunswick, N. J.

TRI-CHEM INC., 82 Main St., West Orange, N. J.

See page 120.

U

U. S. Plywood Corp., 55 W. 44 St., New York 36.

U. S. RUBBER CORP., 1230 6th Ave., New York 20.

See page 60.

UNITED WORLD FILMS, INC., 1445 Park Ave., New York 29.

See page 107.

UNIVERSAL HOMES, INC., 3506 Guardian Bldg., Detroit 26.

See page 44.

Universal Industries, 360 Mystic Ave., Somerville 45, Mass.

V

Vacuum Can Co., 19 S. Hoyne Ave., Chicago 12.

Van Houten, C. J., & Zoon, Inc., 537 Greenwich St., New York 13.

Vanity Fair, Normal, Ill.

Van Winkle, Webster, Corp., 99 Summit Ave., Summit, N. J.

Velva-Sheen Mfg. Co., 1416 Vine St., Cincinnati 10, Ohio.

VERMONT ACCIDENT INS. CO., 141 West St., Rutland, Vt.

See pages 54, 128.

Victoria Products, Inc., 512 Lucas Ave., St. Louis.

Vintage Products Co., 1320 S. Grand Blvd., St. Louis 4, Mo.

Vito Holda Mfg. Co., 512 Western Ave., Topeka, Kans.

Virginia Smelting Co., West Norfolk, Va.

VOIT, W. J., RUBBER CORP., 1600 E. 25th St., Los Angeles 11.

See page 148.

W

Wallace, W. Glen, 260 Emerald St., S. E., Minneapolis 14.

WALLACE & TIERNAN, INC., 1 Main St., Belleville 9, N. J.

See page 35.

Wanamaker, John, Broad & Chestnut Sts., Philadelphia 1.

WARD CABIN CO., 120 Delaware Ave., Buffalo 2, N. Y.

See page 46.

WATER SAFETY CO., 53½ E. Market St., Tiffin, Ohio.

See page 133.

Watertown Mfg. Co., Watertown, Conn.

WEBB MFG. CO., Fourth & Cambria Sts., Philadelphia 33.

See page 136.

Weber, F., Co., 1220 Buttonwood St., Philadelphia 23.

Welch, James O., Co., 810 Main St., Cambridge 39, Mass.

Welfare Federation of Cleveland, The, 1001 Huron Rd., Cleveland 15.

WESBAR STAMPING CORP., West Bend, Wis.

See page 122.

Western Craft & Hobby Supply Co., 307 Harrison St., Davenport, Iowa.

Whitmire Research Labs., Inc., 339 S. Vandeventer, St. Louis 10.

Wiley, John, & Sons, 440 4th Ave., New York.

Williams, R. C., & Co., Inc., 1030 Legget Ave., New York 59.

William-Frederick Press, 313 W. 35th St., New York 1.

Wilson Arts & Crafts, 323 S. W. 4th Ave., Faribault, Minn.

Wilson Plastics, Inc., Box 8248, South Charleston, W. Va.

X

X-Acto, Inc., 48-410 Van Dam St., Long Island City 1, N. Y.

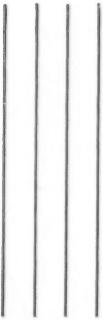
Y

YWCA National Board, 600 Lexington Ave., New York 22.

YARDLEY PLASTICS CO., 142 Parsons Ave., Columbus 15, Ohio.

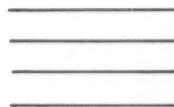
See page 47.

Yale University Press, New Haven, Conn.



Conservation Pledge

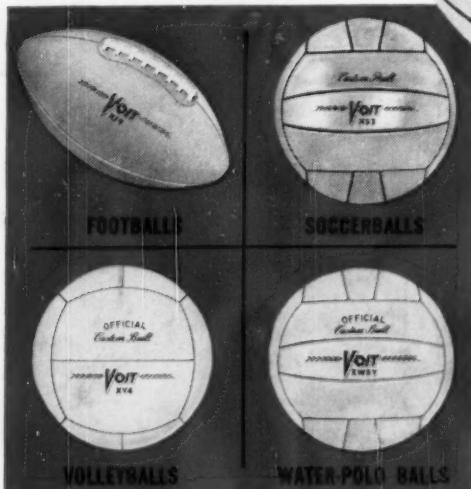
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